

Union Wages and Hours: Building Trades

July 1, 1955

Bulletin No. 1192

UNITED STATES DEPARTMENT OF LABOR

James P. Mitchell, Secretary

BUREAU OF LABOR STATISTICS

Ewan Clague, Commissioner



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Union Wages and Hours in the Building Trades, July 1, 1955¹

Summary

Wage scales of union building-trades workers in cities of 100,000 or more population continued upward during the 12 months ending July 1, 1955, as construction activity maintained record levels. Union rates rose, on the average, 10 cents an hour, or 3.5 percent, between July 1, 1954, and July 1, 1955, according to the 49th annual survey of union scales in the building trades by the U. S. Department of Labor's Bureau of Labor Statistics. For most of the 33 trades surveyed, hourly rates advanced 8 to 11 cents.

Upward adjustments resulting from labor-management contract negotiations affected about 87 percent of the construction workers included in the study. Increases varied typically from 5 to 15 cents, although the hourly advances were from 15 to 20 cents for about a fifth of the workers.

Union hourly scales on July 1, 1955, averaged \$2.90 for all building-trades workers studied, \$3.09 for journeymen, and \$2.16 for helpers and laborers. Negotiated rates of \$2.80 to \$3.30 an hour prevailed for nearly three-fifths of the journeymen, and of \$2 to \$2.50, for a like proportion of the helpers and laborers.

Straight-time weekly hours for all building-trades workers studied averaged 39.4, unchanged from the previous year. Seven of every 8 construction workers had a 40-hour straight-time work schedule.

Negotiated health and insurance plans covered slightly more than three-fifths of the surveyed workers. Pension programs were provided in labor-management contracts applicable to a sixth of the workers.

Scope and Method of Study

Union scales are defined as the minimum wage scales or maximum schedules of hours agreed upon through collective bargaining between trade unions and employers. Rates in excess of the negotiated minimum, which may be paid for special qualifications or other reasons, are not included.

The information presented in this report was based on union scales in effect on July 1, 1955, and covered approximately 680,000 jour-

neymen and 165,000 helpers and laborers in 52 cities with populations of 100,000 or more. Data were obtained primarily from local union officials by mail questionnaire; in some instances, Bureau representatives visited local union officials to obtain the desired information.

The current survey was designed to reflect union wage scales in the building construction industry in all cities of 100,000 or more population. All cities with a half million or more population were included, as were most cities in the population group of 250,000 to 500,000. The cities in the 100,000 to 250,000 group selected for study were distributed widely throughout the United States. The data for some of the cities included in the study were weighted in order to compensate for the other cities which were not surveyed. In order to provide appropriate representation in the combination of data, each geographic region and population group was considered separately when city weights were assigned.

Average hourly scales, designed to show current levels, are based on all scales reported in effect on July 1, 1955. Individual scales are weighted by number of union members having each rate. These averages are not designed for precise year-to-year comparisons because of fluctuations in membership and in job classifications studied. Average cents per hour and percent changes from July 1, 1954, to July 1, 1955, are based on comparable quotations for the various occupational classifications in both periods weighted by the membership reported for the current survey. The index series, designed for trend purposes, is similarly constructed.

Recent Trend of Union Wage Scales

The increase of 3.5 percent in union scales for building-trades workers in the year ending July 1, 1955, advanced the Bureau's index (1947-49 = 100) of union hourly rates to 141.2 (table 1). The rate of advance during the year was slightly below the 3.7-percent gain achieved in the preceding 12-month period, and it was the smallest annual rate of increase, since the close of World War II. The increase reflected advances of 3.4 percent for journeymen and 4.3 percent for helpers and laborers (table 3).

In terms of cents per hour, the advance between July 1, 1954, and July 1, 1955, was identical with the gain recorded in the previous year. The rise in both 12-month periods amounted to 10 cents for journeymen—the same as for all building-trades workers—and 9 cents for helpers and laborers, compared with a 13-cent increase for each group in the year ending July 1, 1953.

¹ Prepared by John F. Lacskey of the Bureau's Division of Wages and Industrial Relations.

On a regional basis, average scale advances for journeymen were generally uniform. They ranged from 9 to 10 $\frac{1}{2}$ cents in all regions except the Mountain and New England States. In these regions, average scales rose 6 and 12 cents, respectively. The advances represented gains of 2.2 percent in the Mountain region, 4.3 percent in New England, and from 3.0 to 3.6 percent in the other regions. Helpers and laborers recorded their greatest gain (10.8 cents or 6.2 percent) in the Border States. The advances varied between 6 $\frac{1}{2}$ and 10 $\frac{1}{2}$ cents, or from 3.4 to 5.8 percent, in all other regions except the Southwest where the gain amounted to 3 cents, or 2.1 percent (table 6).

Scale changes in the building industry result primarily from contract negotiations. Many of the contracts currently in effect were negotiated for 2 years—a few were for longer periods. Frequently the multiyear contracts provided for scale increases at stated intervals. Although provisions of individual contracts may become effective at various times throughout the year, many contracts are negotiated in the spring and early summer months.

The proportion of workers benefiting from rate changes varied widely among the 33 individual trades surveyed. Over 60 percent of the workers in each trade, except two, had their scale adjusted upward during the year. Increased rates were reported for at least 90 percent of the workers in 13 trades.

Among the individual journeymen trades studied, the average increases during the year ending July 1, 1955, varied from 7 cents for electricians and marble setters to 14 cents for machinists. Gains of 8 to 11 cents an hour were registered by 18 of the 24 journeymen trades studied. Glaziers, rodmen, and structural-iron workers advanced their average scale 12 cents an hour during the year (table 3).

Increases for the nine helper and laborer classifications were more uniform. They ranged from 8 cents for elevator constructors' helpers to 13 cents for tile layers' helpers. For 5 groups, including the numerically important group of building laborers, however, the average was 9 cents.

Percentagewise, the increase amounted to 3.4 percent for all journeymen combined and varied from 2.3 to 4.6 percent among the individual journeymen crafts. The greater gains were generally registered by the lower paid trades. Hourly scales rose from 3.6 to 5.6 percent for the various helper and labor classifications with an average of 4.3 percent. Marble setters' helpers and tile layers' helpers were the only groups that advanced their average scale more than 5 percent.

Rates of 85 percent of the journeymen and 93 percent of the helpers and laborers were adjusted upward between July 1, 1954, and July 1, 1955. Although hourly raises of 5 to 20 cents were applicable to about 80 percent of all unionized building-trades workers, the most frequent increases were 10 or 15 cents. Scale advances of 10 cents affected nearly a fourth of the journeymen and three-tenths of the helpers and laborers; 15-cent increases were reported for a sixth and a tenth, respectively.

Of every 100 journeymen receiving scale increases, 22 received 5 to 10 cents an hour; 45 received 10 to 15 cents; and 25 received 15 to 20 cents. Among the helpers and laborers whose scales were advanced, 45 of every 100 received increases of 5 to 10 cents; 41 received 10 to 15 cents; and 11 received 15 to 20 cents an hour (table 5).

The upward adjustments during the year represented increases of 2 to 3 percent for 13 of every 100 journeymen affected by scale revisions, of 3 to 4 percent for 21, of 4 to 5 percent for 35, and of 5 to 10 percent for 26. Of every 100 helpers and laborers receiving raises, 6 recorded gains of 2 to 3 percent; 13, of 3 to 4 percent; 39, of 4 to 5 percent; and 39, of 5 to 10 percent. Only 1 out of every 50 construction workers had advances of at least 10 percent (table 4).

Hourly Wage Scales

Union rates in effect on July 1, 1955, for journeymen construction workers showed wide variation. They ranged from \$1.65 for glaziers in Charlotte, N. C., to \$4.05 for engineers operating cranes and derricks on steel erection in New York City. Spray painters in Louisville, Ky., were the only other workers reporting a scale of at least \$4 an hour. Nearly 60 percent of the journeymen were affected by labor-management contracts providing scales of \$2.80 to \$3.30. Hourly rates of less than \$2.80 were stipulated for 17 percent, and of \$3.30 or more for 25 percent. Negotiated scales of at least \$3.50 an hour prevailed for some workers (typically 10 percent or more) in 20 of the 24 journeymen trades surveyed. A fifth of the bricklayers and a seventh of the plasterers were reported as having scales of \$3.70 or more an hour. Small groups of workers, generally fewer than 7 percent, in 12 trades had rates of less than \$2.40 an hour; glaziers and composition roofers were the only trades in which the proportion exceeded 10 percent (table 7).

For all journeymen crafts combined, the average scale was \$3.09 an hour. Among the 24 individual trades, 18 had average rates in excess of \$3 an hour. Bricklayers were the highest paid craft with an average hourly scale

of \$3.48 and glaziers, averaging \$2.77 an hour, were the lowest. Plasterers, stonemasons, and lathers were other journeymen trades which had average scales exceeding \$3.25 an hour. Paperhangers and composition roofers were the only other crafts to average less than \$2.90 an hour.

Individual scales for helpers and laborers varied from \$1 for building laborers in Jacksonville, Fla., to \$3.35 for plasterers' laborers in Brooklyn, N. Y. Hourly scales of \$2 to \$2.50 prevailed for a majority (59 percent) of the helpers and laborers. Rates of less than \$1.50 an hour were applicable to only 7 percent and of \$2.50 or more to 17 percent. Union scales averaged \$2.16 an hour for all helpers and laborers as a group and by trade classification, from \$1.96 for composition roofers' helpers to \$2.45 for plasterers' laborers and terrazzo workers' helpers. Building laborers, the largest group numerically, averaged \$2.07 an hour (table 7).

City and Regional Variations

Except in those instances where union jurisdiction covers broad geographic areas, scale negotiations in the building industry are generally conducted on a locality basis. Because of the industry's essentially local nature, negotiated scales for the individual trades as well as the level of rates among cities and regions varied widely. For example, among the cities included in the survey, the spread in negotiated scales for cement finishers was from \$2.10 an hour in Charlotte, N. C., to \$3.85 in Newark, N. J. The range of rates among the 24 journeymen trades in 6 typical cities is illustrated in the following tabulation:

City	Scale range	Difference in	
		Cents per hour	Percent
Atlanta -----	\$1.75 - \$3.25	150	86
Boston -----	2.57 ¹ / ₂ - 3.46 ² / ₃	89 ¹ / ₆	35
Chicago -----	3.07 - 3.72 ¹ / ₂	65 ¹ / ₂	21
Dallas -----	2.25 - 3.62 ¹ / ₂	137 ¹ / ₂	61
New York -----	3.00 - 3.90	90	30
San Francisco - Oakland -----	2.67 - 3.65	98	37

The difference between the lowest and highest scales for the nine helper and laborer classifications was smaller than for journeymen in each of the above cities except New York City where the difference was 95 cents. In the other 5 areas, it ranged from 30 cents in Boston to 94¹/₂ cents in San Francisco-Oakland.

City and regional averages presented in this survey are designed to show current levels of rates. They do not measure differences in union scales of the various crafts among areas.

Scales for individual crafts differ from one city to another. The city and regional averages, however, are influenced not only by differences in rates among cities and regions, but also by differences in the proportion of organized workers in the various crafts. For example, a particular craft or classification may not be organized in some areas or may be organized less intensively in some areas than in others; and, also, certain types of work are found in some areas but not in others or are found to a greater extent in some areas than in others. These differences are reflected in the weighting of individual rates by the number of workers employed. Therefore, even though all individual craft rates in two areas are identical, the average for all crafts combined in each of the areas may differ.

On a city basis, average hourly wage scales for construction trade workers varied widely. Among the 52 cities surveyed, average hourly scales for all journeymen combined ranged from \$2.48 in Charlotte, N. C., to \$3.55 in Newark, N. J. Journeymen scales averaged in excess of \$3 an hour in 22 cities and from \$2.75 to \$3 in 22 others. Half of those in the latter group had averages exceeding \$2.90 an hour. Average scales for helpers and laborers were highest in Newark, N. J., (\$2.78) and lowest in Charlotte, N. C., (\$1.18). Scale levels of \$2 or more prevailed for helpers and laborers in 2 of every 3 cities studied; in half of these cities the levels were concentrated between \$2.15 and \$2.30 (table 8).

When the cities were grouped by population size, average hourly scales for construction workers differed by size of city. The average for the cities with a million or more population (\$3.26) was 39 cents higher than for the group of cities with 100,000 to 250,000 population, the smallest size studied. For helpers and laborers, the difference was 45 cents—\$2.40 as compared with \$1.95. The spread between the average rates for journeymen and for helpers and laborers in each city-size grouping closely approximated the national differential of 93 cents.

Average hourly scales for both classifications of workers showed considerable variation among the cities within each population size. The range of average scales was wider for helpers and laborers than for journeymen in each grouping. The differences between the highest and lowest levels were greatest in the cities having populations of 250,000 to 500,000—85 cents for journeymen and \$1.43 for helpers and laborers. There was an overlapping of scale levels among cities in different size groups for both classifications of workers. For example, among helpers and laborers, the average for Peoria, Ill., (100,000 to 250,000) was higher than the average for all but 2 of the cities in each of the 2 next larger size groups.

Regionally, average hourly scales for union building-trades workers in cities of 100,000 or more population were highest in the Middle Atlantic States (\$3.16) and lowest in the Southeast (\$2.40). The level for the Middle West region, although 2 cents below the \$2.90 national level, was exceeded only by those of the heavily populated and industrialized Middle Atlantic and Great Lakes regions (table 9).

Wage levels for journeymen ranged from \$2.71 in the Southeast to \$3.37 in the Middle Atlantic region. With the exception of painters and paperhangers, all journeymen trades in the Middle Atlantic region averaged in excess of \$3 an hour; in the Southeast region, only three trades—bricklayers, stonemasons, and marble setters—had such levels.

Hourly scales for helpers and laborers averaged highest in the Middle Atlantic States (\$2.38) and lowest in the Southeast (\$1.47). The national average of \$2.16 was also exceeded by the levels for the Great Lakes, Pacific, and Middle West regions. Levels of \$2.30 or more prevailed for 7 of the 9 classifications of helpers and laborers in the Middle Atlantic and Great Lakes regions. Elevator constructors' helpers was the only classification exceeding \$1.75 an hour in the Southeast and Southwest regions.

Standard Workweek

Straight-time weekly hours remained virtually unchanged during the year ending July 1, 1955. Changes that occurred had no effect on the average workweek which has remained at 39.4 hours for all building-trades workers combined for the past 3 years.

The predominant standard workweek consisted of 40 hours; this schedule prevailed for 87 percent of the journeymen and 92 percent of the helpers and laborers. About 1 of every 8 journeymen and 1 of every 12 helpers and laborers were employed under labor-management contracts stipulating a 35-hour workweek. Such work schedules were applicable to at least a fifth of the bricklayers, painters, and bricklayers' tenders. Negotiated straight-time work schedules of 30 hours per week were reported for a sixth of the plasterers and a tenth of the plasterers' laborers (table 12).

Insurance and Pension Plans

Collection of information on the prevalence of negotiated health, insurance, and pension plans in the building construction industry, first undertaken in July 1954, was continued in the current survey. These data were restricted to plans financed entirely by the em-

ployers or jointly by the workers and employers. Plans financed by workers through union dues or assessments were excluded from the study. No attempt was made to obtain information on the type and extent of benefits provided or on the cost of plans providing such benefits.

Although negotiated health, insurance, and pension programs in the construction industry have increased in recent years, the development of such plans on a widespread basis has perhaps been less rapid than in many other industries where problems of seasonal operation and casualness of employment are not encountered. Moreover, for many years most of the construction trades unions have operated their own union benefit programs providing their members with one or more types of benefits, such as death, old-age, sickness, or disability. These factors undoubtedly have affected the development of negotiated insurance and pension programs in the industry.

The proportion of workers covered by each type plan increased slightly during the year. As in the July 1954 study, a substantially greater proportion of organized construction workers were included in negotiated health and insurance programs than in pension programs. Slightly over three-fifths of the workers were affected by health and insurance plans whereas only a sixth reported coverage by pension programs.

Of the workers provided health and insurance protection, over 95 percent were covered by plans financed entirely by employer contributions. Such programs were incorporated in labor-management contracts applicable to a majority of the union members in many trades. Included among these trades were asbestos workers, boilermakers, painters, pipefitters, plumbers, rodmen, sheet-metal workers, and structural-iron workers.

Pension programs were more common for electricians than for other trades. Lathers, pipefitters, plasterers, plumbers, sheet-metal workers, and bricklayers' tenders were also among the trades in which a substantial proportion of members were covered by pension plans. Of those union members employed under terms of labor-management agreements providing pension plans, slightly over 70 percent were covered by programs financed by employers.

Union Scales by City and Trade

Union scales of wages and hours in effect on July 1, 1954, and July 1, 1955, for the individual trades in each of the 52 cities included in the study are presented in table 13.

TABLE 1.—Indexes of union hourly wage rates in the building trades, 1907-55
(Average 1947, 1948, and 1949 = 100)

Date	All trades	Journeyman	Helpers and laborers
1907: May 15 -----	18.2	19.0	14.5
1908: May 15 -----	19.4	20.2	15.2
1909: May 15 -----	20.4	21.2	15.7
1910: May 15 -----	21.2	22.1	16.2
1911: May 15 -----	21.5	22.5	16.3
1912: May 15 -----	22.0	23.0	16.4
1913: May 15 -----	22.5	23.5	16.9
1914: May 15 -----	23.0	24.1	17.1
1915: May 15 -----	23.2	24.3	17.2
1916: May 15 -----	23.9	25.1	17.8
1917: May 15 -----	25.4	26.5	19.6
1918: May 15 -----	28.2	29.3	22.7
1919: May 15 -----	32.3	33.4	26.2
1920: May 15 -----	43.6	44.7	38.1
1921: May 15 -----	44.4	45.6	38.4
1922: May 15 -----	41.7	42.9	35.0
1923: May 15 -----	46.0	47.4	37.1
1924: May 15 -----	49.7	51.1	40.1
1925: May 15 -----	51.6	53.0	41.5
1926: May 15 -----	55.0	56.6	45.2
1927: May 15 -----	56.9	58.5	46.0
1928: May 15 -----	57.2	59.0	46.5
1929: May 15 -----	58.0	59.7	47.3
1930: May 15 -----	60.4	62.2	49.7
1931: May 15 -----	60.6	62.4	49.4
1932: May 15 -----	51.8	53.4	42.2
1933: May 15 -----	50.3	51.9	40.3
1934: May 15 -----	50.7	52.2	41.5
1935: May 15 -----	51.3	52.8	41.7
1936: May 15 -----	53.1	54.6	44.1
1937: May 15 -----	56.8	58.3	48.0
1938: June 1 -----	61.8	63.4	52.8
1939: June 1 -----	62.3	63.8	53.2
1940: June 1 -----	63.3	64.7	54.3
1941: June 1 -----	65.6	67.0	56.9
1942: July 1 -----	69.7	70.8	62.5
1943: July 1 -----	70.2	71.2	63.3
1944: July 1 -----	70.8	71.7	64.0
1945: July 1 -----	72.2	73.0	67.0
1946: July 1 -----	80.5	80.9	77.9
1947: July 1 -----	92.1	92.3	91.1
1948: July 1 -----	101.8	101.7	102.6
1949: July 1 -----	106.1	106.0	106.4
1950: July 1 -----	110.7	110.5	112.2
1951: July 1 -----	117.8	117.4	119.9
1952: July 1 -----	125.1	124.6	127.7
1953: July 1 -----	131.6	130.7	136.5
1954: July 1 -----	136.4	135.4	142.4
1955: July 1 -----	141.2	140.0	148.5

TABLE 2.—Indexes of union hourly wage rates in each building trade, 1907-55

(Average 1947, 1948, and 1949 = 100)

Date	Asbestos workers	Boiler-makers	Brick-layers	Car-penters	Cement finishers	Electricians (inside wire-men)	Eleva-tor con-structors	Gla-ziers	Lath-ers	Ma-chin-ists	Marble setters	Mosaic and ter-razzo work-ers	Paint-ers	Paper-hangers	Plas-terers
1907: May 15 ----	-	-	23.3	18.5	22.0	18.1	-	-	-	-	24.6	-	17.1	-	24.9
1908: May 15 ----	-	-	23.9	19.7	21.9	19.7	-	-	-	-	24.8	-	19.0	-	24.8
1909: May 15 ----	-	-	24.4	20.7	22.5	20.4	-	-	-	-	25.0	-	20.3	-	25.0
1910: May 15 ----	-	-	24.9	21.7	22.8	21.0	-	-	-	-	25.3	-	21.6	-	25.3
1911: May 15 ----	-	-	24.9	22.0	23.7	21.2	-	-	-	-	25.6	-	22.0	-	25.4
1912: May 15 ----	-	-	25.2	22.5	23.7	21.4	-	-	21.7	-	25.6	-	22.2	-	26.0
1913: May 15 ----	-	-	25.7	22.8	24.2	21.9	-	-	22.3	-	27.3	-	23.2	-	26.2
1914: May 15 ----	-	-	26.3	23.2	24.4	22.6	25.7	-	22.6	-	27.6	-	24.0	-	26.3
1915: May 15 ----	-	-	26.4	23.5	24.7	23.0	25.8	-	23.0	-	27.9	-	24.1	-	26.4
1916: May 15 ----	23.6	-	26.6	24.2	24.9	23.5	26.5	-	23.6	-	28.0	22.1	26.3	-	27.4
1917: May 15 ----	24.8	-	27.5	26.3	26.4	25.1	28.4	-	24.5	-	28.0	23.3	27.1	-	28.2
1918: May 15 ----	27.8	-	29.6	29.2	29.1	27.8	30.2	26.6	26.5	-	29.5	25.2	29.9	-	29.7
1919: May 15 ----	33.8	-	32.9	33.6	26.2	31.9	35.1	28.4	29.5	-	32.8	27.1	35.0	-	34.2
1920: May 15 ----	43.9	-	44.8	45.0	44.3	42.1	45.2	41.1	42.0	-	43.3	40.0	47.7	-	44.7
1921: May 15 ----	44.5	-	44.5	45.4	45.8	43.6	47.5	41.9	42.6	-	44.0	40.8	49.1	-	47.2
1922: May 15 ----	41.4	-	43.3	42.0	42.5	41.1	44.4	41.9	40.1	-	43.1	39.6	46.0	-	45.3
1923: May 15 ----	43.0	-	49.0	46.9	46.5	42.7	47.2	44.5	44.3	-	48.7	40.5	50.4	-	50.5
1924: May 15 ----	48.0	-	51.9	50.1	51.4	47.6	53.0	46.9	47.7	-	51.0	47.8	53.1	-	56.5
1925: May 15 ----	49.9	-	54.9	51.2	51.6	50.1	55.5	52.2	52.0	-	52.0	50.3	56.0	-	57.5
1926: May 15 ----	53.4	-	58.2	54.9	55.1	52.8	58.5	52.9	53.4	-	58.2	51.4	59.4	-	61.7
1927: May 15 ----	56.0	-	59.7	56.7	57.6	55.0	60.6	56.5	55.5	-	59.4	53.4	61.4	-	63.0
1928: May 15 ----	56.4	-	60.1	56.9	57.0	55.5	61.2	57.1	55.7	-	59.7	56.0	62.4	-	63.2
1929: May 15 ----	59.0	-	61.5	57.8	57.0	57.8	61.4	58.0	55.3	-	63.9	58.7	62.2	-	62.4
1930: May 15 ----	62.4	-	63.0	60.1	60.7	58.9	64.2	60.7	57.6	-	64.1	61.5	65.8	-	65.5
1931: May 15 ----	63.0	-	62.9	60.3	61.0	59.6	64.6	61.1	57.3	-	64.5	62.0	66.0	-	65.4
1932: May 15 ----	52.5	-	53.8	49.4	53.2	56.9	60.1	51.1	51.5	-	59.0	57.7	55.8	-	54.3
1933: May 15 ----	52.4	-	52.4	49.3	52.0	52.0	55.8	51.0	49.6	-	57.1	52.6	54.7	-	52.2
1934: May 15 ----	52.3	-	52.6	50.1	52.5	52.1	56.0	54.1	50.9	-	56.8	53.3	53.8	-	52.8
1935: May 15 ----	53.0	-	51.8	50.8	52.8	54.6	56.0	54.6	51.5	-	57.2	53.3	54.0	-	53.4
1936: May 15 ----	55.1	-	52.1	53.4	54.1	56.0	56.7	55.4	52.7	-	57.5	53.4	56.7	-	53.7
1937: May 15 ----	59.4	61.0	55.8	56.8	58.1	58.5	58.9	60.7	56.3	59.7	60.8	56.0	60.8	63.7	59.2
1938: June 1 ----	65.0	67.3	61.6	61.9	63.4	64.4	66.1	65.1	62.3	63.6	66.0	62.2	64.9	64.8	66.2
1939: June 1 ----	65.4	67.8	61.9	62.1	63.7	64.7	67.2	65.5	64.3	63.7	66.2	63.1	65.4	65.1	66.8
1940: June 1 ----	66.1	68.8	63.2	63.6	64.2	65.8	68.2	66.2	64.8	64.0	67.3	63.4	65.5	65.6	67.1
1941: June 1 ----	68.5	70.1	64.7	65.0	66.5	68.8	69.8	68.3	67.2	65.8	67.5	64.0	69.9	70.0	68.2
1942: July 1 ----	73.5	74.5	67.0	69.6	70.5	73.5	73.7	71.3	70.2	69.1	68.7	66.0	72.2	73.1	70.1
1943: July 1 ----	73.7	74.6	67.3	69.8	71.3	73.7	74.4	71.8	70.2	70.7	69.0	67.1	73.5	73.3	70.2
1944: July 1 ----	74.1	74.6	68.1	70.4	72.0	74.3	74.8	72.2	70.8	71.1	69.8	68.0	74.2	74.3	70.7
1945: July 1 ----	74.9	75.3	69.7	71.6	72.7	75.7	75.3	73.5	71.7	71.1	72.4	69.3	75.2	74.6	71.8
1946: July 1 ----	82.2	81.3	77.7	80.5	81.6	80.9	80.2	80.8	79.9	79.3	80.4	78.4	83.2	83.0	79.4
1947: July 1 ----	91.3	90.8	89.9	92.8	91.9	91.2	91.8	93.0	92.9	91.8	91.6	92.1	93.1	94.6	93.0
1948: July 1 ----	100.7	101.8	102.5	102.2	102.6	100.0	100.8	101.9	101.5	101.3	102.2	102.4	100.9	100.0	98.9
1949: July 1 ----	108.0	107.5	107.7	104.9	105.6	108.8	107.4	105.2	105.6	107.0	106.2	105.6	106.0	105.4	108.1
1950: July 1 ----	113.3	112.4	111.6	110.1	110.0	111.5	112.6	111.0	115.5	108.6	110.0	111.3	109.6	109.6	113.0
1951: July 1 ----	119.9	118.2	116.3	117.4	117.0	120.0	118.8	116.5	120.9	115.2	113.7	118.2	116.8	116.8	118.5
1952: July 1 ----	125.3	125.8	126.2	124.6	122.4	126.8	123.5	121.8	125.0	120.3	121.8	122.0	124.4	123.9	125.3
1953: July 1 ----	134.4	133.7	130.0	131.1	129.8	132.0	131.5	130.4	130.8	130.6	130.1	128.0	130.5	131.7	130.1
1954: July 1 ----	140.7	139.4	134.2	135.3	133.6	135.9	136.7	134.2	134.2	136.0	134.3	133.3	134.5	136.1	132.5
1955: July 1 ----	145.1	143.4	137.8	140.3	138.8	139.0	141.5	140.2	137.7	142.3	137.4	137.2	139.9	141.7	136.5

TABLE 2.—Indexes of union hourly wage rates in each building trade, 1907-55 - Continued

(Average 1947, 1948, and 1949 = 100)

Date	Plumbers	Rodmen	Roofers, composition	Roofers, slate and tile	Sheet-metal workers	Steam and sprinkler fitters	Stonemasons	Structural-iron workers ¹	Tile layers	Bricklayers' tenders	Building laborers	Composition roofers' helpers	Plasterers' laborers	Plumbers' laborers	Tile layers' helpers
1907: May 15 -----	21.5	-	-	-	19.1	19.9	20.9	18.8	-	16.8	15.7	-	18.5	-	-
1908: May 15 -----	21.8	-	-	-	19.5	20.1	21.2	20.5	-	16.8	15.8	-	19.3	-	-
1909: May 15 -----	22.1	-	-	-	19.6	22.9	21.3	21.9	-	16.8	16.0	-	19.5	-	-
1910: May 15 -----	22.3	-	-	-	20.2	21.2	21.5	23.4	-	17.1	16.5	-	19.6	-	-
1911: May 15 -----	23.6	-	-	-	20.8	21.9	21.7	23.9	-	17.3	16.6	-	19.6	-	-
1912: May 15 -----	23.7	-	-	-	21.3	22.3	21.9	24.3	24.5	17.4	16.7	-	19.9	-	18.2
1913: May 15 -----	24.5	-	-	-	22.2	23.1	22.6	25.1	25.8	17.6	17.5	-	20.4	-	18.5
1914: May 15 -----	24.8	-	18.7	22.9	23.0	23.6	23.3	25.6	25.9	17.8	17.6	-	20.8	-	18.7
1915: May 15 -----	25.0	-	19.3	23.8	23.3	24.1	23.6	25.6	26.0	18.0	17.7	-	20.8	-	19.3
1916: May 15 -----	25.2	-	19.4	24.5	23.7	24.5	23.9	26.0	26.4	18.5	18.5	-	21.4	-	20.0
1917: May 15 -----	26.1	-	20.5	26.1	24.8	25.5	24.8	27.5	27.7	20.6	20.5	-	22.8	-	20.5
1918: May 15 -----	28.8	-	23.2	28.6	29.0	27.8	27.2	31.5	28.5	24.0	24.0	-	26.3	-	21.2
1919: May 15 -----	32.6	-	25.8	32.6	32.0	31.3	30.5	35.5	31.1	28.1	27.2	-	30.0	-	25.7
1920: May 15 -----	42.2	-	36.7	42.1	42.9	41.3	42.5	45.0	41.8	40.9	39.4	-	43.5	-	42.0
1921: May 15 -----	44.1	-	38.4	45.8	44.5	41.8	43.6	45.8	41.5	41.1	39.7	-	44.9	-	42.4
1922: May 15 -----	41.0	-	36.8	43.8	41.2	40.8	40.6	41.6	40.8	34.1	37.3	-	39.4	-	39.9
1923: May 15 -----	45.3	-	37.2	48.9	44.4	42.9	48.0	44.4	44.6	37.2	38.0	-	43.4	-	40.8
1924: May 15 -----	49.3	-	43.1	54.1	48.8	49.2	50.9	50.2	50.6	38.9	42.3	-	46.7	-	44.4
1925: May 15 -----	50.4	-	44.5	56.6	50.4	51.7	51.8	50.8	51.8	43.4	40.4	-	49.8	-	45.6
1926: May 15 -----	54.3	-	48.3	58.5	53.8	56.0	57.1	54.6	54.3	47.4	44.4	-	52.7	-	49.5
1927: May 15 -----	55.4	-	49.7	61.2	55.5	57.6	57.9	58.4	56.9	48.5	44.6	-	53.2	-	50.0
1928: May 15 -----	56.5	-	50.8	61.4	54.4	58.5	58.6	58.6	56.8	48.5	44.8	-	54.1	-	51.1
1929: May 15 -----	57.0	-	51.8	62.0	56.5	58.8	60.2	59.0	57.4	50.6	45.0	-	54.3	-	50.3
1930: May 15 -----	59.2	-	54.9	64.0	59.1	61.7	61.1	62.3	60.0	52.6	47.5	-	57.5	-	54.6
1931: May 15 -----	59.9	-	55.3	64.2	60.0	62.0	61.4	62.9	60.7	52.4	46.8	-	57.3	-	54.6
1932: May 15 -----	52.1	-	48.3	55.7	52.0	53.4	54.5	54.5	52.3	43.4	40.2	-	47.6	-	48.2
1933: May 15 -----	51.6	-	47.3	54.4	50.5	51.9	50.9	53.9	50.7	42.9	37.9	-	44.8	-	46.0
1934: May 15 -----	52.1	-	48.2	54.1	50.7	52.5	50.8	54.6	50.7	45.7	39.3	-	46.0	-	46.0
1935: May 15 -----	52.9	-	49.5	55.5	51.1	53.3	50.7	55.1	51.1	44.3	39.9	-	46.8	-	47.6
1936: May 15 -----	54.3	-	49.8	55.9	52.1	55.1	51.3	56.5	52.1	46.6	43.3	-	47.7	-	48.3
1937: May 15 -----	57.2	58.2	53.7	60.1	55.9	58.1	56.6	61.7	55.8	50.2	47.4	54.5	52.0	-	50.9
1938: June 1 -----	64.1	63.9	59.5	64.1	61.5	65.5	61.5	66.6	61.1	55.2	50.8	57.9	58.7	54.1	56.1
1939: June 1 -----	64.7	64.5	59.7	64.7	62.4	66.0	61.6	67.3	61.2	55.4	51.1	58.1	59.2	55.6	56.3
1940: June 1 -----	65.7	65.3	61.1	65.8	63.5	66.2	61.3	67.6	61.3	57.5	51.9	60.2	59.3	58.2	56.4
1941: June 1 -----	68.6	68.6	63.6	67.3	66.5	68.2	62.9	70.8	62.2	59.4	55.0	62.4	60.6	61.4	57.7
1942: July 1 -----	71.5	71.6	69.3	73.2	72.4	72.1	66.6	73.2	65.2	64.1	61.1	69.0	65.1	65.8	61.6
1943: July 1 -----	71.7	72.0	69.6	73.8	72.6	72.5	66.8	73.5	66.2	64.5	62.0	69.4	65.6	66.2	62.3
1944: July 1 -----	72.1	72.3	70.0	74.2	73.1	72.9	67.2	73.9	66.8	65.0	57.7	71.4	66.0	67.7	62.5
1945: July 1 -----	73.7	73.8	70.9	75.7	73.9	75.4	68.7	75.1	69.0	67.5	66.4	71.4	68.4	69.4	63.4
1946: July 1 -----	79.7	81.5	79.0	82.3	83.0	82.2	78.0	81.7	78.1	78.5	77.8	80.7	77.1	79.1	73.5
1947: July 1 -----	92.4	91.6	91.8	91.3	91.6	91.8	89.4	91.8	91.3	91.7	90.9	89.3	91.1	90.6	90.5
1948: July 1 -----	102.3	101.9	101.8	101.5	102.6	101.8	102.3	102.3	102.1	102.8	102.6	102.5	102.5	101.3	102.5
1949: July 1 -----	105.3	106.5	106.5	107.2	105.8	106.4	108.3	106.0	106.6	105.5	106.5	108.2	106.4	108.1	107.0
1950: July 1 -----	107.8	110.7	110.9	109.7	111.0	111.0	115.3	111.0	109.0	112.7	112.4	113.6	110.1	112.9	110.6
1951: July 1 -----	114.2	118.1	117.5	118.2	117.4	117.8	119.3	118.3	116.6	118.5	120.4	121.9	120.7	120.7	118.1
1952: July 1 -----	121.0	124.2	123.8	125.0	126.2	124.8	127.8	123.8	121.1	126.3	128.6	132.2	128.0	126.3	123.8
1953: July 1 -----	125.4	131.4	131.3	131.6	132.0	130.6	129.9	130.9	128.0	133.0	138.4	138.8	135.2	134.7	130.1
1954: July 1 -----	132.3	136.1	135.8	136.3	138.2	137.6	132.9	135.5	131.6	138.7	144.4	143.0	140.1	141.9	137.0
1955: July 1 -----	135.5	142.0	141.0	141.1	143.5	140.9	136.8	140.6	136.1	144.4	150.9	149.7	145.6	148.0	141.8

¹ Included rodmen prior to 1938.

TABLE 3.—Increases in rates in the building trades, July 1, 1954 - July 1, 1955, and average union hourly wage rates, July 1, 1955

Trade	Amount of increase July 1, 1954 - July 1, 1955		Range of rates July 1, 1955		Average rate per hour July 1, 1955	Trade	Amount of increase July 1, 1954 - July 1, 1955		Range of rates July 1, 1955		Average rate per hour July 1, 1955
	Percent	Cents per hour	Low	High			Percent	Cents per hour	Low	High	
All building trades -----	3.5	10	-	-	\$ 2.90	Journeymen: - Continued					
Journeymen -----	3.4	10	-	-	3.09	Roofers, composition -----	3.8	10	\$ 1.75	\$ 3.60	2.84
Asbestos workers -----	3.1	10	2.80	3.65	3.17	Roofers, slate and tile -----	3.5	10	2.00	3.60	2.94
Boilermakers -----	2.9	9	2.98	3.75	3.22	Sheet-metal workers -----	3.8	11	2.40	3.65	3.06
Bricklayers -----	2.7	9	2.85	3.85	3.48	Stonemasons -----	2.9	9	2.97	3.90	3.35
Carpenters -----	3.7	11	2.18	3.55	3.01	Structural-iron workers -----	3.8	12	2.63	3.85	3.20
Cement finishers -----	3.9	11	2.10	3.85	2.98	Tile layers -----	2.5	8	2.25	3.33	3.11
Electricians (inside wiremen) -----	2.3	7	2.60	3.65	3.17	Helpers and laborers -----	4.3	9	-	-	2.16
Elevator constructors -----	3.5	11	2.74	3.65	3.22	Bricklayers' tenders -----	4.1	9	1.18	2.80	2.31
Glaziers -----	4.5	12	1.65	3.55	2.77	Building laborers -----	4.5	9	1.00	2.80	2.07
Lathers -----	2.6	8	2.50	3.60	3.29	Composition roofers' helpers -----	4.7	9	1.38	2.20	1.96
Machinists -----	4.6	14	2.55	3.73	3.22	Elevator constructors' helpers -----	3.6	8	1.92	2.75	2.30
Marble setters -----	2.3	7	2.25	3.43	3.14	Marble setters' helpers -----	5.2	12	1.43	2.89	2.35
Mosaic and terrazzo workers -----	2.9	9	2.25	3.43	3.11	Plasterers' laborers -----	3.9	9	1.18	3.35	2.45
Painters -----	4.0	11	1.75	4.00	2.90	Plumbers' laborers -----	4.3	9	1.10	2.78	2.18
Paperhangers -----	4.1	11	1.93	3.13	2.81	Terrazzo workers' helpers -----	4.1	10	1.43	3.07	2.45
Pipefitters -----	2.6	8	2.63	3.65	3.20	Tile layers' helpers -----	5.6	13	1.43	2.70	2.37
Plasterers -----	3.0	10	2.25	3.85	3.36						
Plumbers -----	2.4	8	2.63	3.50	3.21						
Rodmen -----	4.3	12	2.38	3.75	3.03						

TABLE 4.—Percent changes in union wage rates and percent of building-trades workers affected, July 1, 1954 - July 1, 1955

Trade	Percent of union workers affected by—		Percent of total workers affected by increase of—						
	Increase	No change	Less than 2 percent	2 and under 3 percent	3 and under 4 percent	4 and under 5 percent	5 and under 10 percent	10 and under 15 percent	15 percent and over
All building trades -----	86.5	13.5	1.3	10.3	17.0	31.0	25.0	1.8	(¹)
Journeymen -----	84.9	15.1	1.6	11.4	18.2	29.8	22.2	1.7	(¹)
Asbestos workers -----	72.1	27.9	1.3	7.5	21.6	17.7	22.7	1.4	-
Boilermakers -----	91.8	8.2	-	27.4	44.0	15.3	5.0	-	-
Bricklayers -----	66.4	33.6	.9	17.8	10.7	6.3	28.5	2.2	-
Carpenters -----	94.1	5.9	2.0	8.0	20.8	42.9	18.2	2.1	-
Cement finishers -----	92.2	7.8	.2	11.6	15.6	29.8	33.4	1.6	-
Electricians (inside wiremen) -----	72.7	27.3	-	18.3	26.2	20.3	7.9	-	-
Elevator constructors -----	94.7	5.3	4.4	8.0	30.9	36.2	15.2	-	-
Glaziers -----	92.3	7.7	6.0	2.9	5.3	20.7	57.4	-	-
Lathers -----	55.1	44.9	.5	6.1	13.7	12.2	22.5	.1	-
Machinists -----	86.2	13.8	-	5.7	13.6	5.6	53.6	7.7	-
Marble setters -----	54.1	45.9	-	7.7	9.4	17.0	20.0	-	-
Mosaic and terrazzo workers -----	65.9	34.1	1.2	11.0	8.1	17.1	28.5	-	-
Painters -----	79.2	20.8	-	4.8	1.7	26.1	44.5	2.0	0.1
Paperhangers -----	88.4	11.6	8.1	5.0	1.0	25.2	47.4	1.6	-
Pipefitters -----	68.8	31.2	5.9	11.9	19.7	16.5	14.5	.4	-
Plasterers -----	79.0	21.0	7.0	7.0	24.2	17.9	22.2	.7	-
Plumbers -----	72.9	27.1	-	25.7	24.8	7.6	12.4	2.4	-
Rodmen -----	95.9	4.1	-	3.6	14.4	51.7	21.0	4.5	.8
Roofers, composition -----	91.0	9.0	.4	12.1	14.4	36.3	24.6	3.3	-
Roofers, slate and tile -----	88.7	11.3	3.3	18.5	17.0	16.6	31.1	2.3	-
Sheet-metal workers -----	95.4	4.6	1.8	17.8	13.0	31.5	31.2	-	-
Stonemasons -----	79.0	21.0	3.6	24.0	26.3	7.7	11.3	6.1	-
Structural-iron workers -----	97.1	2.9	.1	11.3	27.6	39.8	15.5	2.9	-
Tile layers -----	63.2	36.8	-	12.1	8.1	26.2	16.7	-	-

See footnote at end of table.

TABLE 4.—Percent changes in union wage rates and percent of building-trades workers affected, July 1, 1954 - July 1, 1955 - Continued

Trade	Percent of union workers affected by—		Percent of total workers affected by increase of—						
	Increase	No change	Less than 2 percent	2 and under 3 percent	3 and under 4 percent	4 and under 5 percent	5 and under 10 percent	10 and under 15 percent	15 percent and over
Helpers and laborers	92.8	7.2	0.2	5.7	12.2	36.2	36.1	2.3	(¹)
Bricklayers' tenders	93.3	6.7	-	4.0	18.6	41.8	28.6	.2	-
Building laborers	95.1	4.9	-	5.9	10.1	38.0	38.4	2.6	-
Composition roofers' helpers	100.0	-	-	19.0	15.7	6.8	58.5	-	-
Elevator constructors' helpers	96.3	3.7	4.9	10.2	28.0	27.4	25.8	-	-
Marble setters' helpers	67.3	32.7	.5	1.6	1.2	12.9	36.6	14.2	0.2
Plasterers' laborers	84.7	15.3	.6	2.9	20.6	30.1	28.2	2.2	-
Plumbers' laborers	80.4	19.6	-	8.9	4.4	13.9	48.0	5.2	-
Terrazzo workers' helpers	69.2	30.8	1.9	6.4	3.9	18.0	32.2	6.1	.8
Tile layers' helpers	72.4	27.6	1.6	11.4	5.4	10.4	37.1	6.1	.3

¹ Less than 0.05 percent.

NOTE: Because of rounding, sums of individual items do not necessarily equal totals.

TABLE 5.—Cents-per-hour increases in union wage rates and percent of building-trades workers affected, July 1, 1954 - July 1, 1955

Trade	Percent of union workers affected by increase	Percent of workers affected by increase of—					
		Less than 5 cents	5 and under 10 cents	10 and under 15 cents	15 and under 20 cents	20 and under 25 cents	25 cents and over
All building trades	86.5	1.3	23.4	38.2	18.7	3.0	2.0
Journeyman	84.9	1.5	18.9	38.3	20.8	3.1	2.4
Asbestos workers	72.1	1.3	10.6	31.7	17.2	3.0	8.3
Boilermakers	91.8	-	43.5	29.5	16.1	-	2.8
Bricklayers	66.4	.8	17.8	16.9	16.9	9.4	4.5
Carpenters	94.1	2.0	20.6	45.8	21.7	1.8	2.2
Cement finishers	92.2	-	22.2	34.7	28.4	5.3	1.6
Electricians (inside wiremen)	72.7	-	19.3	43.3	10.2	-	-
Elevator constructors	94.7	4.4	29.9	39.4	13.0	7.8	-
Glaziers	92.3	-	12.9	40.3	27.4	11.8	-
Lathers	55.1	.5	8.7	16.5	13.3	8.4	7.7
Machinists	86.2	-	6.0	18.9	39.9	2.1	19.3
Marble setters	54.1	-	8.7	25.4	15.6	-	4.4
Mosaic and terrazzo workers	65.9	1.2	12.0	25.0	16.7	5.5	5.5
Painters	79.2	.2	6.1	33.7	32.8	4.0	2.4
Paperhangers	88.4	8.1	6.1	38.8	32.8	1.0	1.6
Pipefitters	68.8	5.9	15.2	26.1	18.3	3.0	.4
Plasterers	79.0	3.2	13.4	41.7	2.6	15.6	2.4
Plumbers	72.9	-	35.1	23.0	11.3	1.1	2.4
Rodmen	95.9	-	9.9	64.4	11.9	4.8	4.9
Roofers, composition	91.0	1.4	21.2	35.6	29.5	-	3.4
Roofers, slate and tile	88.7	10.5	16.2	35.5	16.8	7.4	2.3
Sheet-metal workers	95.4	1.8	25.2	33.2	32.8	1.6	.7
Stonemasons	79.0	3.6	34.3	20.1	12.2	.6	8.2
Structural-iron workers	97.1	-	15.8	58.7	17.6	1.6	3.4
Tile layers	63.2	-	14.4	32.9	12.6	.4	2.9
Helpers and laborers	92.8	.3	41.6	37.7	10.2	2.6	.4
Bricklayers' tenders	93.3	-	31.9	49.0	9.8	2.6	-
Building laborers	95.1	-	46.6	35.6	10.3	2.5	-
Composition roofers' helpers	100.0	6.3	35.2	40.4	18.1	-	-
Elevator constructors' helpers	96.3	9.6	61.7	25.0	-	-	-
Marble setters' helpers	67.3	.5	10.5	33.9	8.0	.5	14.0
Plasterers' laborers	84.7	.6	32.1	33.9	11.6	4.3	2.2
Plumbers' laborers	80.4	-	21.4	38.5	15.2	3.6	1.7
Terrazzo workers' helpers	69.2	1.9	12.7	36.0	11.4	.4	6.8
Tile layers' helpers	72.4	1.6	21.8	40.1	2.5	.7	5.7

NOTE: Because of rounding, sums of individual items do not necessarily equal totals.

TABLE 6.—Increases in union wage rates in the building trades by region and city, July 1, 1954 - July 1, 1955

Cities by region	Percent of increase			Cents-per-hour increase		
	All trades ^a	Journey-men	Helpers and laborers	All trades	Journey-men	Helpers and laborers
All cities	3.5	3.4	4.3	9.8	10.0	9.1
New England	4.5	4.3	5.3	11.7	12.1	10.6
Boston, Mass.	3.4	3.9	4.0	10.5	11.1	8.4
New Haven, Conn.	4.4	3.7	7.8	11.9	10.7	16.0
Providence, R.I.	4.8	4.6	5.3	11.6	12.3	9.9
Springfield, Mass.	5.3	5.8	3.9	13.3	15.8	7.4
Middle Atlantic	3.2	3.0	4.1	9.7	9.8	9.3
Buffalo, N. Y.	3.9	3.9	3.6	11.1	11.9	8.4
Erie, Pa.	3.6	3.6	3.6	10.2	10.6	7.7
Newark, N. J.	2.3	2.2	3.3	7.8	7.7	9.0
New York, N. Y.	3.4	3.3	4.5	11.2	11.2	11.6
Philadelphia, Pa.	2.7	2.4	3.8	7.7	7.9	7.4
Pittsburgh, Pa.	2.3	2.0	3.3	6.6	6.4	7.1
Rochester, N. Y.	4.9	5.0	4.5	13.3	14.7	10.0
Scranton, Pa.	3.0	2.7	4.7	7.8	7.4	9.2
Syracuse, N. Y.	3.5	3.2	4.9	9.4	9.2	10.0
Border States	4.0	3.5	6.2	10.4	10.2	10.8
Baltimore, Md.	1.5	1.6	1.1	3.8	4.5	1.9
Louisville, Ky.	6.7	5.7	10.7	17.1	16.2	19.5
Richmond, Va.	3.0	2.7	5.5	7.1	7.1	6.9
Washington, D. C.	3.9	3.6	5.7	11.0	11.1	10.9
Southeast	3.8	3.5	5.8	8.8	9.0	8.0
Atlanta, Ga.	3.6	3.6	3.8	8.6	9.8	5.0
Birmingham, Ala.	4.0	3.7	5.6	9.2	9.9	7.4
Charlotte, N. C.	2.9	2.7	6.8	6.5	6.4	7.5
Jacksonville, Fla.	2.7	2.7	7.2	7.3	7.3	8.4
Knoxville, Tenn.	4.7	4.1	6.3	10.2	10.9	9.1
Memphis, Tenn.	3.4	3.3	4.7	8.1	8.5	6.2
Great Lakes	3.6	3.4	4.5	10.4	10.4	10.2
Chicago, Ill.	3.4	3.1	6.1	10.3	9.8	13.9
Cincinnati, Ohio	4.3	4.5	3.7	12.1	13.4	8.0
Cleveland, Ohio	4.1	4.0	4.8	12.5	12.6	12.2
Columbus, Ohio	2.7	2.7	2.5	7.3	7.9	5.0
Dayton, Ohio	5.1	4.7	7.2	14.1	13.9	14.7
Detroit, Mich.	3.9	3.8	4.5	11.6	11.8	7.2
Grand Rapids, Mich.	3.8	3.6	5.2	10.4	10.4	10.5
Indianapolis, Ind.	4.0	3.8	4.9	11.2	11.5	10.4
Milwaukee, Wis.	2.2	2.2	2.3	6.1	6.4	5.2
Minneapolis-St. Paul, Minn.	3.5	3.2	4.7	9.3	9.1	9.8
Peoria, Ill.	3.4	3.1	4.4	9.5	9.2	10.0
Toledo, Ohio	3.3	3.3	3.2	9.4	10.3	7.6
Middle West	3.8	3.6	4.6	10.5	10.6	9.8
Des Moines, Iowa	3.6	3.4	4.9	9.8	9.7	10.0
Kansas City, Mo.	3.9	3.9	3.8	10.5	10.9	7.9
Omaha, Nebr.	3.9	4.1	2.6	10.0	11.4	4.8
St. Louis, Mo.	3.7	3.4	5.4	10.7	10.4	11.8
Southwest	3.3	3.5	2.1	8.2	9.4	3.0
Dallas, Tex.	4.1	4.1	3.2	10.9	11.6	5.0
Houston, Tex.	2.0	1.9	3.0	5.3	5.4	4.9
Little Rock, Ark.	4.5	5.1	.1	10.2	13.2	.1
New Orleans, La.	3.6	3.6	3.6	8.2	9.5	5.2
Oklahoma City, Okla.	1.8	2.1	.1	4.7	5.9	.2
San Antonio, Tex.	2.4	2.5	1.7	6.0	6.5	2.4
Mountain	2.4	2.2	3.4	6.2	6.0	6.7
Denver, Colo.	1.5	1.1	2.7	3.8	3.1	5.3
Salt Lake City, Utah	3.9	3.6	5.4	9.6	9.5	10.0
Pacific	3.4	3.4	3.6	9.4	9.7	7.9
Los Angeles, Calif.	3.6	3.5	4.5	10.2	10.3	9.7
Portland, Oreg.	3.3	3.3	3.0	8.7	9.0	6.6
San Francisco-Oakland, Calif.	4.6	4.5	5.3	12.9	13.2	11.4
Seattle, Wash.8	.9	.1	2.3	2.6	.2
Spokane, Wash.	3.3	3.5	2.2	8.6	9.5	4.6

TABLE 7.—Distribution of union members in the building trades by hourly wage rates, July 1, 1955

Trade	Average rate per hour	Percent of union journeymen whose rates (in cents) per hour were—										
		Under 200	200 and under 210	210 and under 220	220 and under 230	230 and under 240	240 and under 250	250 and under 260	260 and under 270	270 and under 280	280 and under 290	
Journeymen	\$ 3.09	0.1	(¹)	0.3	0.5	0.4	0.7	2.2	5.3	7.4	10.5	
Asbestos workers	3.07	-	-	-	-	-	-	-	-	-	4.1	
Boilermakers	3.22	-	-	-	-	-	-	-	-	-	-	
Bricklayers	3.48	-	-	-	-	-	-	-	-	-	.8	
Carpenters	3.01	-	-	.8	.4	-	.6	2.9	8.4	12.1	18.5	
Cement finishers	2.98	-	-	1.4	.8	3.3	2.1	1.8	2.4	17.5	11.9	
Electricians (inside wiremen)	3.17	-	-	-	-	-	-	-	1.3	1.8	3.3	
Elevator constructors	3.22	-	-	-	-	-	-	-	-	.5	-	
Glaziers	2.77	.5	-	-	2.1	9.2	7.4	13.4	18.1	16.5	4.3	
Lathers	3.29	-	-	-	-	-	-	.3	1.4	1.5	1.3	
Machinists	3.22	-	-	-	-	-	-	.4	-	.6	1.6	
Marble setters	3.14	-	-	-	.1	-	-	.6	.6	3.8	5.9	
Mosaic and terrazzo workers	3.11	-	-	-	1.5	-	-	.2	1.0	3.7	10.2	
Painters	2.90	.2	-	.3	1.3	2.0	1.8	4.6	11.9	10.2	8.5	
Paperhangers	2.81	.4	-	.1	3.0	2.2	2.4	15.3	8.0	12.5	11.4	
Pipefitters	3.20	-	-	-	-	-	-	-	1.7	1.1	.5	
Plasterers	3.36	-	-	-	1.1	-	-	-	-	.2	5.5	
Plumbers	3.21	-	-	-	-	-	-	-	.5	1.3	.7	
Rodmen	3.03	-	-	-	-	.5	-	6.7	3.2	19.3	14.3	
Roofers, composition	2.84	4.9	2.7	-	6.4	.8	4.0	3.8	6.4	16.4	10.3	
Roofers, slate and tile	2.94	-	.3	2.0	4.3	.7	8.9	8.2	.8	17.8	9.3	
Sheet-metal workers	3.06	-	-	-	-	-	.9	3.5	1.2	2.0	17.6	
Stonemasons	3.35	-	-	-	-	-	-	-	-	-	-	
Structural-iron workers	3.20	-	-	-	-	-	-	-	1.3	2.4	8.0	
Tile layers	3.11	-	-	-	.3	-	-	1.3	2.0	6.9	2.4	
				290 and under 300	300 and under 310	310 and under 320	320 and under 330	330 and under 340	340 and under 350	350 and under 360	360 and under 370	370 and over
Journeymen			8.2	11.7	14.0	13.1	8.4	4.6	8.1	2.0	2.3	
Asbestos workers		3.4	24.0	22.3	26.5	8.2	2.3	4.8	4.4	-	-	
Boilermakers		14.5	16.1	28.2	15.7	8.6	-	-	8.7	8.3		
Bricklayers		-	1.3	3.3	14.6	13.3	32.1	6.8	6.1	21.8		
Carpenters		9.0	4.8	13.0	10.8	3.4	2.7	12.5	-	-		
Cement finishers		6.7	16.9	4.6	17.3	3.9	.2	7.5	-	1.7		
Electricians (inside wiremen)		3.9	27.8	10.6	15.9	29.5	1.2	1.6	3.1	-		
Elevator constructors		11.1	11.3	19.0	32.3	10.7	2.7	4.9	7.7	-		
Glaziers		3.9	4.4	4.6	2.7	-	6.0	6.8	-	-		
Lathers		2.4	16.3	6.1	5.8	24.9	22.1	15.9	2.0	-		
Machinists		10.2	20.4	7.8	9.4	34.9	2.2	-	6.2	6.2		
Marble setters		6.7	12.2	26.3	7.5	33.3	3.1	-	-	-		
Mosaic and terrazzo workers		7.3	13.7	17.8	10.1	31.0	3.4	-	-	-		
Painters		16.8	17.2	17.3	6.8	.2	.2	.7	.1	.1		
Paperhangers		13.1	28.1	3.4	-	-	-	-	-	-		
Pipefitters		3.6	19.7	18.1	29.3	11.6	.5	5.8	8.0	-		
Plasterers		1.3	8.7	13.7	7.6	8.4	23.7	12.6	3.0	14.2		
Plumbers		1.8	21.6	16.2	26.2	13.8	-	18.0	-	-		
Rodmen		3.2	11.7	13.0	3.3	8.4	6.4	8.1	-	2.0		
Roofers, composition		11.9	11.1	-	3.3	4.6	2.2	7.7	3.5	-		
Roofers, slate and tile		2.5	9.8	2.3	3.8	6.1	11.4	6.6	5.2	-		
Sheet-metal workers		12.4	15.4	24.6	8.7	6.4	2.3	4.9	-	-		
Stonemasons		10.3	.9	3.9	31.1	17.3	11.1	7.2	11.4	6.8		
Structural-iron workers		13.7	7.0	19.1	13.8	15.3	4.3	8.0	1.6	5.5		
Tile layers		4.1	17.6	19.0	21.7	24.7	-	-	-	-		

See footnote at end of table.

TABLE 7.—Distribution of union members in the building trades by hourly wage rates, July 1, 1955 - Continued

Trade	Average rate per hour	Percent of union helpers and laborers whose rates (in cents) per hour were—								
		Under 120	120 and under 130	130 and under 140	140 and under 150	150 and under 160	160 and under 170	170 and under 180	180 and under 190	190 and under 200
Helpers and laborers	\$ 2.16	1.7	0.4	2.7	1.8	4.9	2.4	1.5	2.6	6.3
Bricklayers' tenders	2.31	.7	.1	5.0	1.5	.6	2.0	3.6	1.8	3.1
Building laborers	2.07	2.2	.6	2.1	2.2	6.4	2.5	1.1	3.2	7.9
Composition roofers' helpers	1.96	-	-	6.3	5.1	6.8	-	-	-	12.0
Elevator constructors' helpers	2.30	-	-	-	-	-	-	-	-	.5
Marble setters' helpers	2.35	-	-	-	1.4	1.7	1.7	2.1	-	2.5
Plasterers' laborers	2.45	.7	-	2.5	1.2	5.1	2.7	1.1	1.0	2.7
Plumbers' laborers	2.18	3.6	-	8.1	-	-	4.0	1.9	.9	2.8
Terrazzo workers' helpers	2.45	-	-	-	.2	-	1.6	1.5	.9	2.1
Tile layers' helpers	2.37	-	-	-	.6	3.2	.6	.9	-	1.6
		200 and under 210	210 and under 220	220 and under 230	230 and under 240	240 and under 250	250 and under 260	260 and under 270	270 and under 280	280 and over
Helpers and laborers		8.4	22.1	8.8	11.6	8.0	3.8	6.8	3.2	3.0
Bricklayers' tenders		2.2	7.2	4.3	16.4	10.5	8.3	29.3	.2	3.2
Building laborers		11.2	28.5	9.8	8.6	7.6	.8	1.4	3.2	.8
Composition roofers' helpers		20.5	40.8	8.4	-	-	-	-	-	-
Elevator constructors' helpers		8.6	21.9	32.2	19.7	4.7	-	-	12.4	-
Marble setters' helpers		3.9	12.7	15.6	21.5	.9	9.4	10.5	4.4	11.6
Plasterers' laborers3	3.2	5.3	20.8	6.4	13.9	7.2	-	25.8
Plumbers' laborers		5.5	15.8	8.7	8.9	9.5	20.0	4.1	6.2	-
Terrazzo workers' helpers		3.6	6.1	9.8	15.3	8.3	10.4	8.9	26.8	4.4
Tile layers' helpers		1.2	12.2	5.0	31.5	9.1	7.1	12.4	14.5	-

¹ Less than 0.05 percent.

TABLE 8.—Average union hourly wage rates in the building trades by city and population group, July 1, 1955

City and population group	Average hourly rate	City and population group	Average hourly rate
JOURNEYMEN		JOURNEYMEN - Continued	
Population group I (1,000,000 and over):		Population group III (250,000 to 500,000):	
New York, N. Y.	\$ 3.51	Newark, N. J.	\$ 3.55
Philadelphia, Pa.	3.30	Toledo, Ohio	3.19
Average for group I	3.26	Indianapolis, Ind.	3.13
Chicago, Ill.	3.24	Rochester, N. Y.	3.10
Detroit, Mich.	3.18	Louisville, Ky.	3.02
Los Angeles, Calif.	3.03	Average for group III	3.02
Population group II (500,000 to 1,000,000):		Columbus, Ohio	2.98
Cleveland, Ohio	3.31	Kansas City, Mo.	2.94
Pittsburgh, Pa.	3.27	Dallas, Tex.	2.92
Washington, D. C.	3.21	Denver, Colo.	2.92
Buffalo, N. Y.	3.15	Portland, Oreg.	2.83
St. Louis, Mo.	3.15	Seattle, Wash.	2.83
Cincinnati, Ohio	3.14	Atlanta, Ga.	2.81
Average for group II	3.08	Birmingham, Ala.	2.76
San Francisco-Oakland, Calif.	3.04	Memphis, Tenn.	2.70
Milwaukee, Wis.	2.98	San Antonio, Tex.	2.70
Boston, Mass.	2.97	Population group IV (100,000 to 250,000):	
Houston, Tex.	2.97	Peoria, Ill.	3.12
Minneapolis-St. Paul, Minn.	2.94	Dayton, Ohio	3.07
Baltimore, Md.	2.92	Erie, Pa.	3.05
New Orleans, La.	2.73	New Haven, Conn.	3.02

TABLE 8.—Average union hourly wage rates in the building trades by city and population group, July 1, 1955 - Continued

City and population group	Average hourly rate	City and population group	Average hourly rate
JOURNEYMEN - Continued		HELPERS AND LABORERS - Continued	
Population group IV (100,000 to 250,000):		Population group II (500,000 to 1,000,000): - Continued	
Grand Rapids, Mich.	\$3.01	Houston, Tex.	\$1.68
Syracuse, N. Y.	2.99	New Orleans, La.	1.49
Des Moines, Iowa	2.97	Population group III (250,000 to 500,000):	
Springfield, Mass.	2.89	Newark, N. J.	2.78
Omaha, Nebr.	2.87	Toledo, Ohio	2.42
<u>Average for group IV</u>	2.87	Rochester, N. Y.	2.34
Oklahoma City, Okla.	2.85	Portland, Oreg.	2.29
Scranton, Pa.	2.85	Seattle, Wash.	2.28
Spokane, Wash.	2.85	Indianapolis, Ind.	2.22
Providence, R. I.	2.77	Kansas City, Mo.	2.15
Knoxville, Tenn.	2.75	<u>Average for group III</u>	2.10
Jacksonville, Fla.	2.74	Columbus, Ohio	2.04
Salt Lake City, Utah	2.72	Denver, Colo.	2.02
Richmond, Va.	2.70	Louisville, Ky.	2.02
Little Rock, Ark.	2.69	Dallas, Tex.	1.61
Charlotte, N. C.	2.48	San Antonio, Tex.	1.44
		Birmingham, Ala.	1.39
		Memphis, Tenn.	1.39
		Atlanta, Ga.	1.35
		Population group IV (100,000 to 250,000):	
HELPERS AND LABORERS		Peoria, Ill.	2.39
Population group I (1,000,000 and over):		Erie, Pa.	2.22
New York, N. Y.	2.70	New Haven, Conn.	2.22
Detroit, Mich.	2.49	Dayton, Ohio	2.20
Chicago, Ill.	2.43	Spokane, Wash.	2.19
<u>Average for group I</u>	2.40	Des Moines, Iowa	2.16
Los Angeles, Calif.	2.27	Syracuse, N. Y.	2.15
Philadelphia, Pa.	2.01	Grand Rapids, Mich.	2.11
Population group II (500,000 to 1,000,000):		Scranton, Pa.	2.03
Cleveland, Ohio	2.66	Providence, R. I.	1.99
Buffalo, N. Y.	2.40	Springfield, Mass.	1.97
Milwaukee, Wis.	2.29	<u>Average for group IV</u>	1.95
St. Louis, Mo.	2.29	Salt Lake City, Utah	1.94
San Francisco-Oakland, Calif.	2.28	Omaha, Nebr.	1.92
Cincinnati, Ohio	2.25	Oklahoma City, Okla.	1.74
Minneapolis-St. Paul, Minn.	2.20	Knoxville, Tenn.	1.55
Pittsburgh, Pa.	2.20	Richmond, Va.	1.31
Boston, Mass.	2.17	Jacksonville, Fla.	1.24
<u>Average for group II</u>	2.15	Little Rock, Ark.	1.19
Washington, D. C.	2.01	Charlotte, N. C.	1.18
Baltimore, Md.	1.68		

TABLE 9.—Average union hourly wage rates in the building trades by region,¹ July 1, 1955

Trade	United States	Region								
		New England	Middle Atlantic	Border States	South-east	Great Lakes	Middle West	South-west	Moun-tain	Pacific
All building trades	\$2.90	\$2.71	\$3.16	\$2.72	\$2.40	\$3.01	\$2.88	\$2.57	\$2.61	\$2.85
Journeymen	3.09	2.93	3.37	3.01	2.71	3.16	3.03	2.83	2.83	2.96
Asbestos workers	3.17	3.01	3.42	3.10	2.89	3.20	3.14	3.06	2.93	3.16
Boilermakers	3.22	3.08	3.60	3.05	2.98	3.23	3.04	2.98	3.08	3.13
Bricklayers	3.48	3.22	3.71	3.34	3.17	3.42	3.47	3.44	3.30	3.49
Carpenters	3.01	2.74	3.38	2.93	2.52	3.13	2.94	2.68	2.75	2.83
Cement finishers	2.98	3.13	3.36	2.81	2.42	3.05	3.00	2.58	2.78	2.81
Electricians (inside wiremen)	3.17	2.98	3.34	3.13	2.92	3.24	3.16	3.01	2.93	3.13
Elevator constructors	3.22	3.13	3.44	3.23	2.94	3.23	3.14	3.08	3.08	3.20
Glaziers	2.77	2.59	3.06	2.75	2.25	2.96	2.90	2.44	2.42	2.65
Lathers	3.29	3.05	3.42	3.19	2.74	3.26	3.17	3.20	3.23	3.36
Machinists	3.22	3.00	3.57	3.09	2.75	3.23	3.10	2.96	2.85	2.98
Marble setters	3.14	3.12	3.22	3.23	3.05	3.18	3.16	2.93	2.85	3.03
Mosaic and terrazzo workers	3.11	3.11	3.28	3.04	2.90	3.11	3.22	2.75	3.11	3.07
Painters	2.90	2.59	2.98	2.72	2.49	3.00	2.82	2.59	2.57	2.93
Paperhangers	2.81	2.75	2.65	2.24	2.56	2.94	2.82	2.43	2.56	2.94
Pipefitters	3.20	3.05	3.45	2.98	2.92	3.23	3.21	3.05	2.99	3.18
Plasterers	3.36	3.21	3.64	3.24	2.74	3.29	3.18	3.16	3.24	3.44
Plumbers	3.21	3.05	3.40	3.04	2.99	3.20	3.21	3.04	2.97	3.22
Rodmen	3.03	3.43	3.43	3.01	2.67	3.16	2.96	2.67	2.82	2.80

See footnote at end of table.

TABLE 9.—Average union hourly wage rates in the building trades by region,¹ July 1, 1955 - Continued

Trade	United States	Region								
		New England	Middle Atlantic	Border States	South-east	Great Lakes	Middle West	South-west	Moun-tain	Pacific
Journeyman: - Continued										
Roofers, composition	\$2.84	\$2.87	\$3.25	\$3.27	\$2.11	\$3.01	\$2.73	\$2.17	\$2.87	\$2.78
Roofers, slate and tile	2.94	3.13	3.16	3.03	2.23	3.22	2.77	2.46	2.60	2.82
Sheet-metal workers	3.06	3.00	3.37	2.98	2.70	3.10	3.10	2.81	2.82	3.01
Stonemasons	3.35	3.24	3.37	3.32	3.17	3.29	3.36	3.45	3.50	3.56
Structural-iron workers	3.20	3.44	3.45	3.24	2.80	3.23	3.03	2.88	2.82	3.04
Tile layers	3.11	3.18	3.27	3.03	2.83	3.15	3.05	2.83	2.81	3.11
Helpers and laborers										
Bricklayers' tenders	2.16	2.09	2.38	1.86	1.47	2.36	2.20	1.49	2.00	2.25
Building laborers	2.31	2.10	2.55	1.75	1.35	2.41	2.33	1.56	2.34	2.55
Composition roofers' helpers	2.07	2.06	2.22	1.86	1.48	2.33	2.12	1.43	1.91	2.17
Elevator constructors' helpers	1.96	2.11	2.09	1.90	1.41	2.08	2.10	1.53	-	2.10
Marble setters' helpers	2.30	2.20	2.54	2.26	2.06	2.26	2.24	2.17	2.17	2.23
Plasterers' laborers	2.35	2.27	2.62	2.23	1.43	2.43	2.17	1.63	2.15	2.35
Plumbers' laborers	2.45	2.24	2.67	1.95	1.44	2.52	2.56	1.73	2.35	3.06
Terrazzo workers' helpers	2.18	-	2.30	1.83	1.35	2.43	2.39	1.31	2.11	2.27
Tile layers' helpers	2.45	2.31	2.61	2.10	1.43	2.51	2.37	1.67	2.04	2.53
Tile layers' helpers	2.37	2.31	2.59	2.19	1.43	2.44	2.14	1.56	2.15	2.35

¹ The regions referred to in this study include: New England—Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont; Middle Atlantic—New Jersey, New York, and Pennsylvania; Border States—Delaware, District of Columbia, Kentucky, Maryland, Virginia, and West Virginia; Southeast—Alabama, Florida, Georgia, Mississippi, North Carolina, South Carolina, and Tennessee; Great Lakes—Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin; Middle West—Iowa, Kansas, Missouri, Nebraska, North Dakota, and South Dakota; Southwest—Arkansas, Louisiana, Oklahoma, and Texas; Mountain—Arizona, Colorado, Idaho, Montana, New Mexico, Utah and Wyoming; Pacific—California, Nevada, Oregon, and Washington.

TABLE 10.—Indexes of union weekly hours in the building trades, 1907-55

(Average 1947, 1948, and 1949 = 100)

Date	All trades	Journey-men	Helpers and laborers	Date	All trades	Journey-men	Helpers and laborers
1907: May 15	124.1	122.6	129.6	1931: May 15	108.4	107.4	111.1
1908: May 15	122.2	120.8	126.9	1932: May 15	106.4	105.5	108.6
1909: May 15	120.5	119.3	124.3	1933: May 15	106.1	105.1	108.1
1910: May 15	119.0	117.9	122.1	1934: May 15	102.2	101.3	104.7
1911: May 15	118.6	117.5	121.9	1935: May 15	101.4	100.5	104.0
1912: May 15	118.2	117.1	121.5	1936: May 15	101.4	100.5	104.2
1913: May 15	118.0	116.8	121.5	1937: May 15	101.8	100.9	104.6
1914: May 15	117.5	116.5	120.8	1938: June 1	100.1	99.1	102.9
1915: May 15	117.4	116.4	120.7	1939: June 1	99.9	99.0	102.7
1916: May 15	117.0	115.9	120.4	1940: June 1	99.8	99.0	102.1
1917: May 15	116.7	115.7	119.9	1941: June 1	100.2	99.5	102.4
1918: May 15	116.1	115.0	119.5	1942: July 1	101.0	100.8	101.5
1919: May 15	115.5	114.6	118.4	1943: July 1	100.9	101.0	100.8
1920: May 15	115.0	114.1	117.6	1944: July 1	101.1	101.2	100.8
1921: May 15	114.9	114.0	117.6	1945: July 1	101.1	101.2	100.8
1922: May 15	114.9	114.1	117.3	1946: July 1	100.1	100.1	100.1
1923: May 15	115.0	114.2	117.5	1947: July 1	100.0	99.9	100.1
1924: May 15	115.0	114.2	117.5	1948: July 1	100.0	100.0	100.0
1925: May 15	115.0	114.2	117.3	1949: July 1	100.1	100.1	100.0
1926: May 15	114.8	114.0	117.0	1950: July 1	100.2	100.2	100.0
1927: May 15	114.6	113.7	117.0	1951: July 1	100.1	100.1	99.9
1928: May 15	113.9	112.9	116.9	1952: July 1	100.1	100.1	100.1
1929: May 15	112.9	112.2	114.6	1953: July 1	100.1	100.1	100.1
1930: May 15	109.7	108.9	112.0	1954: July 1	100.1	100.1	100.1
				1955: July 1	100.1	100.1	100.1

TABLE 11.—Indexes of union weekly hours in each building trade, 1907-55

(Average 1947, 1948, and 1949 = 100)

Date	Asbes- tos work- ers	Boiler- makers	Brick- layers	Car- penters	Cement finish- ers	Elec- tri- cians (inside wire- men)	Eleva- tor con- struc- tors	Gla- ziers	Lath- ers	Ma- chin- ists	Marble setters	Mosaic and ter- razzo work- ers	Paint- ers	Paper- hang- ers	Plas- terers
1907: May 15 ----	-	-	122.7	120.8	122.7	122.9	-	-	-	-	118.0	-	125.3	-	122.0
1908: May 15 ----	-	-	120.1	119.0	121.6	122.0	-	-	-	-	118.0	-	123.4	-	121.4
1909: May 15 ----	-	-	117.6	117.6	122.5	121.2	-	-	-	-	116.8	-	121.7	-	121.4
1910: May 15 ----	-	-	115.4	116.2	122.3	120.5	-	-	-	-	116.5	-	120.1	-	121.3
1911: May 15 ----	-	-	115.0	115.6	121.1	120.3	-	-	-	-	116.0	-	119.3	-	122.0
1912: May 15 ----	-	-	115.0	115.5	121.1	119.9	-	-	122.5	-	116.0	-	119.2	-	120.5
1913: May 15 ----	-	-	114.8	115.4	119.8	119.4	-	-	122.5	-	116.0	-	118.5	-	120.5
1914: May 15 ----	-	-	114.3	114.9	119.0	119.0	115.9	-	122.5	-	115.8	-	118.3	-	120.4
1915: May 15 ----	-	-	114.2	114.9	119.0	118.3	115.4	-	121.9	-	115.8	-	118.3	-	119.8
1916: May 15 ----	113.5	-	113.9	114.9	117.2	117.4	115.3	-	121.9	-	115.6	118.0	117.4	-	118.6
1917: May 15 ----	113.0	-	113.6	114.9	115.9	116.9	114.6	-	121.3	-	115.5	118.0	117.3	-	118.5
1918: May 15 ----	112.4	-	113.6	113.7	115.3	116.1	114.6	114.0	121.3	-	115.5	113.8	116.8	-	118.2
1919: May 15 ----	111.2	-	113.4	113.0	114.4	115.1	113.8	114.0	121.0	-	115.0	113.8	116.6	-	118.2
1920: May 15 ----	111.1	-	113.3	113.1	113.8	114.8	113.7	113.5	120.2	-	115.0	113.8	113.2	-	117.9
1921: May 15 ----	114.4	-	113.3	113.0	113.8	114.8	113.6	114.0	119.9	-	115.1	113.8	113.3	-	117.6
1922: May 15 ----	111.4	-	113.3	113.1	113.7	114.8	113.3	114.1	120.0	-	115.1	113.8	114.1	-	117.7
1923: May 15 ----	111.1	-	113.3	113.5	113.7	114.8	113.4	113.5	120.5	-	115.1	113.8	113.8	-	118.3
1924: May 15 ----	111.2	-	113.2	113.3	113.7	114.7	113.4	113.5	120.2	-	115.1	113.9	113.7	-	118.4
1925: May 15 ----	111.2	-	113.1	113.3	113.4	114.7	113.3	113.1	119.8	-	115.1	113.8	114.0	-	118.0
1926: May 15 ----	111.2	-	113.2	113.3	113.4	114.7	113.3	113.5	119.5	-	115.1	113.8	113.7	-	114.6
1927: May 15 ----	111.1	-	112.6	113.3	113.0	114.7	113.3	113.9	118.9	-	115.0	113.4	113.2	-	114.1
1928: May 15 ----	111.1	-	112.6	112.7	112.4	114.1	113.3	113.4	118.3	-	115.0	113.4	110.2	-	113.2
1929: May 15 ----	110.2	-	109.7	112.7	112.5	111.4	112.8	112.2	117.7	-	115.0	113.5	109.9	-	112.1
1930: May 15 ----	106.1	-	107.0	109.2	108.1	108.7	109.3	108.6	111.0	-	108.9	107.3	108.7	-	109.6
1931: May 15 ----	103.6	-	105.4	107.5	106.9	107.7	107.2	106.7	110.4	-	106.9	106.2	107.7	-	108.7
1932: May 15 ----	102.3	-	103.0	104.8	105.6	105.1	107.2	104.3	109.9	-	105.8	102.0	107.5	-	106.8
1933: May 15 ----	101.2	-	104.1	103.2	107.6	105.1	104.9	104.3	109.4	-	105.7	103.4	107.3	-	109.0
1934: May 15 ----	101.1	-	102.3	102.3	103.7	98.9	104.0	98.8	103.1	-	104.5	103.3	94.2	-	104.3
1935: May 15 ----	100.3	-	102.2	101.8	103.5	94.8	103.7	98.2	102.9	-	104.5	102.6	94.0	-	102.7
1936: May 15 ----	100.6	-	102.2	101.9	103.0	95.2	104.5	98.6	101.9	-	104.4	101.5	94.4	-	101.0
1937: May 15 ----	100.3	105.8	103.2	102.7	103.1	99.8	104.2	98.6	103.3	100.6	106.5	102.2	94.4	92.2	101.1
1938: June 1 ----	98.6	100.5	99.8	99.8	100.0	99.2	103.5	96.8	101.3	100.0	104.4	99.6	94.5	91.6	97.0
1939: June 1 ----	98.6	100.5	99.9	99.8	100.0	99.0	101.0	96.6	100.5	99.9	104.4	99.6	94.2	91.7	97.0
1940: June 1 ----	98.0	100.5	99.6	99.8	100.2	99.0	100.6	96.6	100.3	99.9	99.7	99.6	94.6	92.0	96.8
1941: June 1 ----	98.6	101.0	99.8	100.4	100.7	99.5	100.3	97.2	101.2	99.7	99.9	99.9	94.8	92.5	97.1
1942: July 1 ----	98.7	101.1	100.7	100.6	100.6	103.5	100.0	98.6	103.1	99.7	99.9	99.9	100.3	99.1	98.9
1943: July 1 ----	98.7	101.1	100.7	100.6	100.6	103.5	100.0	98.6	104.0	99.7	99.9	99.9	100.3	99.1	102.8
1944: July 1 ----	98.7	101.1	100.7	100.9	100.6	103.5	100.0	98.6	103.6	99.7	99.9	99.9	100.6	99.9	102.9
1945: July 1 ----	98.7	101.1	100.7	100.9	100.6	103.5	100.0	98.6	104.2	99.7	99.9	99.9	100.6	99.9	102.9
1946: July 1 ----	99.8	99.1	100.2	100.1	100.4	99.4	100.0	98.6	102.8	99.2	99.9	99.9	99.9	99.7	100.9
1947: July 1 ----	99.8	99.1	99.7	100.0	100.0	99.4	100.0	100.0	102.8	100.0	99.9	98.9	100.0	100.0	99.9
1948: July 1 ----	100.1	100.5	100.4	100.0	100.0	99.4	100.0	100.0	98.6	100.0	100.0	100.6	100.0	100.0	99.8
1949: July 1 ----	100.1	100.5	100.0	100.0	100.0	101.1	100.0	100.0	98.6	100.0	100.0	100.6	100.0	100.0	100.4
1950: July 1 ----	100.1	100.5	100.0	100.0	100.0	101.1	100.0	100.0	101.7	100.0	100.0	100.6	100.0	100.0	102.7
1951: July 1 ----	100.1	100.5	100.1	100.0	100.0	101.1	100.0	100.0	101.7	100.0	100.0	100.6	98.8	98.8	102.7
1952: July 1 ----	100.1	100.5	100.1	100.0	100.0	100.1	100.0	100.0	100.7	100.0	100.0	100.6	98.8	98.8	102.7
1953: July 1 ----	100.1	100.5	100.1	100.0	100.0	100.1	100.0	100.0	100.8	100.0	100.0	100.6	98.8	98.8	102.7
1954: July 1 ----	100.1	100.5	100.1	100.0	100.0	100.1	100.0	100.0	100.3	99.2	100.0	100.6	98.8	98.8	102.7
1955: July 1 ----	100.1	100.5	100.1	100.0	100.0	100.1	100.0	100.0	100.3	99.2	100.0	100.6	98.8	98.8	102.7

TABLE 11.—Indexes of union weekly hours in each building trade, 1907-55 - Continued

(Average 1947, 1948, and 1949 = 100)

Date	Plumbers	Rodmen	Roofers, composition	Roofers, slate and tile	Sheet-metal workers	Steam and sprinkler fitters	Stonemasons	Structural-iron workers ¹	Tile layers	Bricklayers' tenders	Building laborers	Composition roofers' helpers	Flasterers' laborers	Plumbers' laborers	Tile layers' helpers
1907: May 15 ----	123.7	-	-	-	117.0	118.8	118.0	120.0	-	123.3	125.1	-	127.8	-	-
1908: May 15 ----	123.8	-	-	-	116.9	118.8	118.0	117.6	-	123.3	125.1	-	127.3	-	-
1909: May 15 ----	123.8	-	-	-	116.9	118.5	118.0	116.0	-	122.9	124.7	-	127.0	-	-
1910: May 15 ----	123.6	-	-	-	116.9	117.8	116.2	114.7	-	121.9	121.7	-	127.0	-	-
1911: May 15 ----	123.3	-	-	-	116.6	117.7	115.4	114.5	-	121.3	121.7	-	126.9	-	-
1912: May 15 ----	122.3	-	-	-	115.1	116.9	115.4	113.4	110.7	120.3	121.7	-	126.3	-	125.7
1913: May 15 ----	122.3	-	-	-	114.9	116.5	115.3	112.9	113.1	120.3	121.7	-	126.3	-	125.1
1914: May 15 ----	121.8	-	113.8	111.6	114.8	115.0	115.3	112.7	113.1	118.8	121.3	-	126.4	-	125.1
1915: May 15 ----	121.8	-	113.8	111.6	114.6	115.0	115.2	112.7	112.7	118.8	121.3	-	126.4	-	123.2
1916: May 15 ----	121.2	-	113.8	111.2	114.1	114.6	115.0	112.4	112.1	118.8	120.7	-	125.2	-	122.8
1917: May 15 ----	121.1	-	113.0	109.2	114.0	114.5	114.9	112.2	111.8	118.7	119.3	-	125.0	-	121.8
1918: May 15 ----	120.1	-	112.5	109.2	112.8	113.4	114.9	111.8	111.8	118.7	118.8	-	125.0	-	121.8
1919: May 15 ----	119.7	-	112.5	108.9	112.3	113.3	114.2	111.6	111.3	118.3	116.6	-	124.5	-	121.4
1920: May 15 ----	119.7	-	112.5	108.9	111.9	113.2	114.2	111.6	111.0	118.0	115.3	-	124.5	-	121.4
1921: May 15 ----	119.5	-	110.4	108.8	111.9	113.1	114.3	111.6	111.1	118.0	115.3	-	124.0	-	121.6
1922: May 15 ----	119.5	-	110.4	108.7	111.8	113.1	114.2	111.6	110.9	118.3	114.5	-	124.0	-	121.6
1923: May 15 ----	119.5	-	110.4	109.0	111.8	113.1	114.2	111.6	111.2	118.3	115.3	-	124.1	-	122.7
1924: May 15 ----	119.5	-	110.4	108.6	111.8	113.1	113.9	111.6	111.2	118.2	115.0	-	124.0	-	122.7
1925: May 15 ----	119.5	-	110.4	108.6	111.8	113.1	113.9	111.3	111.2	118.0	115.1	-	123.9	-	122.7
1926: May 15 ----	119.5	-	110.4	108.6	111.8	112.9	114.1	111.6	111.2	118.2	115.3	-	119.8	-	122.7
1927: May 15 ----	119.2	-	110.4	108.6	111.4	112.7	113.9	111.6	111.1	118.2	115.5	-	119.7	-	122.7
1928: May 15 ----	119.2	-	110.3	108.6	111.1	112.7	113.8	111.5	110.8	118.2	115.4	-	120.0	-	122.7
1929: May 15 ----	118.2	-	109.7	107.3	111.0	112.1	110.5	111.0	110.6	111.6	115.3	-	119.9	-	122.1
1930: May 15 ----	112.7	-	105.4	102.7	105.9	107.1	106.7	107.6	104.9	110.9	113.2	-	116.8	-	114.2
1931: May 15 ----	111.2	-	104.1	101.0	105.1	106.0	104.8	106.3	103.5	110.3	111.8	-	115.8	-	113.0
1932: May 15 ----	110.8	-	103.0	101.0	103.6	105.0	104.4	103.7	102.4	107.9	107.9	-	115.5	-	111.6
1933: May 15 ----	110.3	-	104.3	101.0	103.5	104.4	103.6	103.4	102.2	107.3	107.5	-	113.6	-	111.7
1934: May 15 ----	109.2	-	101.6	100.6	102.0	103.8	103.1	101.9	95.3	105.3	102.8	-	110.1	-	107.0
1935: May 15 ----	108.5	-	101.5	99.3	102.1	103.5	103.0	100.7	95.3	105.2	102.7	-	108.8	-	93.1
1936: May 15 ----	107.1	-	102.1	100.2	102.0	103.7	103.0	100.6	95.2	105.0	103.2	-	107.0	-	93.1
1937: May 15 ----	107.7	100.3	102.2	100.1	102.1	103.8	103.0	100.1	99.3	105.3	103.5	99.9	107.0	-	99.6
1938: June 1 ----	102.3	100.3	100.4	98.9	100.0	98.3	99.6	99.0	99.3	104.0	103.0	99.9	102.0	103.2	99.6
1939: June 1 ----	102.6	100.2	100.5	98.9	100.0	98.7	99.6	98.9	99.3	103.7	102.9	99.9	101.7	103.2	99.6
1940: June 1 ----	101.5	100.2	100.1	98.8	100.0	98.7	99.5	98.9	99.3	103.6	102.3	99.6	101.3	100.0	99.6
1941: June 1 ----	101.9	101.1	100.8	98.8	100.8	99.3	99.6	99.3	99.7	103.5	102.6	100.2	101.7	100.0	100.0
1942: July 1 ----	102.5	101.1	100.9	100.2	100.9	100.9	99.8	100.0	101.0	102.3	101.6	100.5	101.8	99.7	100.0
1943: July 1 ----	104.4	101.2	100.8	100.0	100.9	100.9	99.8	100.0	100.0	102.1	100.2	100.0	102.4	103.0	100.0
1944: July 1 ----	104.4	101.2	100.7	100.0	100.9	100.9	99.8	100.0	100.0	102.1	100.2	100.0	102.4	102.9	100.0
1945: July 1 ----	104.4	101.2	100.7	100.0	100.9	100.9	99.8	100.0	100.0	102.1	100.2	100.0	102.4	102.9	100.0
1946: July 1 ----	100.8	100.6	100.4	100.0	100.8	100.0	99.6	100.0	100.0	100.5	100.0	100.0	101.7	100.0	100.0
1947: July 1 ----	99.8	100.0	100.4	100.0	100.1	100.0	98.9	100.0	100.0	100.0	100.0	100.0	100.9	100.0	100.0
1948: July 1 ----	100.1	100.0	100.4	100.0	100.1	100.0	100.6	100.0	100.0	100.0	100.0	100.0	99.6	100.0	100.0
1949: July 1 ----	100.1	100.0	99.2	100.0	99.9	100.0	100.4	100.0	100.0	100.0	100.0	100.0	99.6	100.0	100.0
1950: July 1 ----	100.8	100.0	99.2	100.0	99.9	100.0	100.4	100.0	100.0	100.0	100.0	100.0	99.6	100.0	100.0
1951: July 1 ----	100.8	100.0	99.2	100.0	99.9	100.0	100.5	100.0	100.0	99.8	99.8	100.0	100.8	100.0	100.0
1952: July 1 ----	100.8	100.0	99.2	100.0	99.9	100.0	100.5	100.0	100.0	99.9	99.9	100.0	101.3	100.0	100.0
1953: July 1 ----	100.8	100.0	99.2	100.0	99.9	100.0	100.5	100.0	100.0	99.9	99.9	100.0	101.3	100.0	100.0
1954: July 1 ----	100.8	100.0	99.2	100.0	99.9	100.0	100.5	100.0	100.0	99.9	99.9	100.0	101.4	100.0	100.0
1955: July 1 ----	100.8	100.0	99.2	100.0	99.9	100.0	100.5	100.0	100.0	99.8	99.9	100.0	101.7	100.0	100.0

¹ Included rodmen prior to 1940.

TABLE 12.—Distribution of union members in the building trades by straight-time weekly hours, July 1, 1955

Trade	Average hours per week	Percent of union members having workweek of—				Trade	Average hours per week	Percent of union members having workweek of—			
		30 hours	35 hours	40 hours	42.5 hours			30 hours	35 hours	40 hours	42.5 hours
All building trades -----	39.4	0.5	11.5	87.9	(¹)	Journeymen: - Continued					
Journeymen -----	39.3	0.4	12.5	87.0	-	Rodmen -----	39.8	-	4.5	95.5	-
Asbestos workers -----	39.8	-	4.4	95.6	-	Roofers, composition -----	39.4	-	11.2	88.8	-
Boilermakers -----	40.0	-	-	100.0	-	Roofers, slate and tile -----	40.0	-	-	100.0	-
Bricklayers -----	38.9	-	22.5	77.5	-	Sheet-metal workers -----	39.6	-	7.1	92.9	-
Carpenters -----	39.4	-	11.6	88.4	-	Stonemasons -----	39.5	-	9.9	90.1	-
Cement finishers -----	39.5	-	9.1	90.9	-	Structural-iron workers -----	39.9	-	2.7	97.3	-
Electricians (inside wiremen) -----	39.4	-	11.4	88.6	-	Tile layers -----	40.0	-	-	100.0	-
Elevator constructors -----	40.0	-	-	100.0	-	Helpers and laborers -----	39.6	0.8	7.5	91.6	0.2
Glaziers -----	39.7	-	6.8	93.2	-	Bricklayers' tenders -----	38.7	-	27.0	73.0	-
Lathers -----	38.7	4.0	18.5	77.6	-	Building laborers -----	39.8	-	4.0	96.0	-
Machinists -----	39.7	-	6.2	93.8	-	Composition roofers [†] helpers -----	39.7	-	5.5	94.5	-
Marble setters -----	40.0	-	-	100.0	-	Elevator constructors [†] helpers -----	40.0	-	-	100.0	-
Mosaic and terrazzo workers -----	40.0	-	-	100.0	-	Marble setters' helpers -----	40.0	-	-	100.0	-
Painters -----	38.6	(¹)	28.6	71.4	-	Plasterers' laborers -----	38.8	10.5	3.6	83.7	2.2
Paperhangers -----	39.2	-	16.5	83.5	-	Plumbers' laborers -----	40.0	-	-	100.0	-
Pipefitters -----	39.6	-	8.0	92.0	-	Terrazzo workers [†] helpers -----	40.0	-	-	100.0	-
Plasterers -----	38.3	16.4	1.0	82.6	-	Tile layers' helpers -----	40.0	-	-	100.0	-
Plumbers -----	39.3	-	13.2	86.8	-						

¹ Less than 0.05 percent.

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1954, and July 1, 1955

(Hours are 40 per week for both years unless otherwise indicated)

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1954	July 1, 1955		July 1, 1954	July 1, 1955
ATLANTA, GA.			BALTIMORE, MD. - Continued		
<u>Journeyman</u>			<u>Journeyman - Continued</u>		
Asbestos workers -----	\$2.750	\$2.850	Electricians (inside wiremen) -----	\$2.975	\$3.075
Boilermakers -----	2.900	2.975	Elevator constructors -----	3.020	3.110
Bricklayers -----	3.100	3.250	Engineers - Power equipment operators:		
Carpenters, millwrights, and piledrivers -----	2.500	2.600	Building construction:		
Cement finishers -----	2.450	2.650	Heavy equipment:		
Electricians (inside wiremen) -----	2.900	3.000	Derricks, power cranes, shovels, and elevating graders -----	3.100	3.250
Elevator constructors -----	2.880	2.950	Medium equipment:		
Engineers - Power equipment operators:			Temporary elevators, concrete pumps, and single- drum hoists -----	2.250	2.550
Air compressors, portable and stationary -----	1.900	2.100	Light equipment:		
Bulldozers -----	2.225	2.425	Compressors and pumps -----	2.250	2.550
Cranes, derricks, draglines, and piledrivers -----	2.750	2.950	Bulldozers -----	2.350	2.450
Graders (elevating) -----	2.550	2.750	Heavy construction:		
Hoists:			Heavy equipment:		
1 drum -----	2.150	2.350	Whirleys, derricks, and pile- drivers -----	3.100	3.250
2 drums -----	2.500	2.700	Light equipment:		
3 drums -----	2.700	2.900	Tractors with attachment -----	2.750	2.850
Locomotives -----	2.000	2.200	Glaziers -----	2.475	2.575
Mixers:			Lathers -----	3.000	3.000
Under 5 bags -----	1.750	1.950	Machinists -----	2.975	3.075
Over 5 bags -----	2.000	2.200	Marble setters -----	3.025	3.025
Pumps -----	1.750	1.950	Mosaic and terrazzo workers -----	2.875	2.875
Rollers -----	1.900	2.100	Painters -----	2.350	2.525
Scrapers -----	2.225	2.425	Structural steel -----	2.475	2.650
Shovels -----	2.750	2.950	Paperhangers -----	2.350	2.525
Tractors (farm type)	1.750	1.950	Pipefitters -----	2.900	2.900
With special equipment -----	2.225	2.425	Plasterers -----	3.000	3.000
Trench machines -----	2.500	2.700	Plumbers -----	2.900	3.000
Glaziers -----	2.500	2.600	Rodmen -----	2.900	3.000
Lathers -----	2.750	2.875	Roofers, composition -----	2.200	2.350
Machinists -----	2.500	2.750	Mop-men -----	2.600	2.750
Marble setters -----	3.100	3.100	Roofers, slate and tile -----	2.480	2.750
Mosaic and terrazzo workers -----	3.100	3.100	Precast journeyman -----	3.250	3.350
Painters -----	2.500	2.600	Precast roofers -----	3.000	3.100
Structural steel and swing stage -----	2.750	2.850	Sheet-metal workers -----	2.900	3.000
Paperhangers -----	2.750	2.850	Stonemasons -----	3.200	3.200
Pipefitters -----	3.050	3.050	Structural-iron workers -----	3.200	3.250
Plasterers -----	2.750	2.875	Sheeters -----	3.450	3.500
Plumbers -----	3.050	3.050	Tile layers -----	2.875	2.875
Rodmen -----	2.600	2.700			
Roofers, composition -----	1.750	1.750	<u>Helpers and laborers</u>		
Roofers, slate and tile -----	2.000	2.000	Bricklayers' tenders -----	1.700	1.750
Sheet-metal workers -----	2.500	2.600	Building laborers -----	1.600	1.600
Stonemasons -----	3.100	3.250	Elevator constructors' helpers -----	2.110	2.180
Structural- and ornamental-iron workers -----	2.850	2.950	Marble setters' helpers -----	1.950	1.950
Tile layers -----	3.100	3.100	Plasterers' laborers -----	1.700	1.700
<u>Helpers and laborers</u>			Hod carriers -----	1.950	1.950
Bricklayers' tenders -----	1.280	1.380	Mortar mixers -----	1.700	1.750
Mortar mixers -----	1.400	1.500	Plumbers' laborers -----	1.600	1.600
Building laborers -----	1.280	1.380	Terrazzo workers' helpers -----	1.950	1.950
Elevator constructors' helpers -----	2.020	2.065	Tile layers' helpers -----	1.950	1.950
Plasterers' laborers -----	1.280	1.380			
Plumbers' laborers -----	1.280	1.380	BIRMINGHAM, ALA.		
BALTIMORE, MD.			<u>Journeyman</u>		
<u>Journeyman</u>			Asbestos workers -----	2.900	2.900
Asbestos workers -----	3.025	3.125	Bricklayers -----	3.150	3.250
Boilermakers -----	3.050	3.100	Carpenters, floor layers, piledrivers -----	2.400	2.500
Bricklayers -----	3.200	3.200	Millwrights -----	2.525	2.625
Carpenters, millwrights, and piledrivers -----	2.750	2.750	Cement finishers -----	2.480	2.580
Cement finishers -----	2.750	2.750	Electricians (inside wiremen) -----	3.000	3.000
			Elevator constructors -----	2.840	2.950

NOTE: When more than one union scale was in effect for the same classification in a particular city, letters of the alphabet were used to designate the various effective agreements. The sequence of the letters does not indicate the relative importance of the agreements or the scales.

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1954, and July 1, 1955 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1954	July 1, 1955		July 1, 1954	July 1, 1955
BIRMINGHAM, ALA. - Continued			BOSTON, MASS. - Continued		
<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>		
Engineers - Power equipment operators:			Engineers - Power equipment operators: - Continued		
Building construction:			Heavy construction:		
Heavy equipment:			Heavy equipment:		
Cranes, derricks, draglines -----	\$ 2.525	\$ 2.600	Power shovels, piledrivers, lighters -----	\$ 3.200	\$ 3.400
Hoists, 2 or more drums -----	2.525	2.600	Medium equipment:		
Mixers, 5 bags and over -----	2.525	2.600	Concrete mixers, steam boilers, bulldozers -----	2.825	3.025
Shovels, scrapers -----	2.525	2.600	Light equipment:		
Medium equipment:			Pumps, compressors, welding machines -----	2.750	2.950
Bulldozers, motor graders -----	2.385	2.460	Glaziers -----	2.500	2.575
Hoists, 1 drum -----	2.245	2.320	Lathers -----	3.050	3.050
Rollers -----	2.245	2.320	Machinists -----	2.750	3.000
Light equipment:			Marble setters -----	3.000	3.165
Air compressors -----	2.110	2.185	Mosaic and terrazzo workers -----	3.000	3.165
Mixers, under 5 bags -----	2.110	2.185	Painters -----	2.500	2.600
Pumps -----	2.110	2.185	Spray -----	3.333	3.466
Glaziers -----	2.300	2.450	Structural steel -----	2.750	2.850
Lathers -----	2.250	2.500	Pipefitters -----	3.000	3.100
Marble setters -----	2.800	2.900	Plasterers -----	3.150	3.250
Mosaic and terrazzo workers -----	2.800	2.900	Plumbers -----	3.000	3.050
Painters -----	2.475	2.600	Rodmen -----	3.075	3.400
Spray -----	2.475	2.600	Roofers, composition -----	2.730	2.880
Structural steel, stage and swing stage -----	2.725	2.850	Roofers, slate and tile -----	2.730	2.880
Paperhangers -----	2.475	2.600	Sheet-metal workers -----	2.850	3.000
Pipefitters -----	2.875	3.050	Stonemasons -----	3.085	3.250
Plasterers -----	2.620	2.720	Structural-iron workers -----	3.075	3.400
Plumbers -----	2.875	3.050	Tile layers -----	3.085	3.250
Rodmen -----	2.500	2.675			
Roofers:			<u>Helpers and laborers</u>		
Composition, flat -----	2.200	2.280	Bricklayers' tenders -----	2.070	2.150
Composition, steep -----	2.250	2.280	Building laborers -----	2.070	2.150
Slate and tile, slabbers and sheeters -----	2.250	2.280	Composition roofers' helpers -----	2.050	2.200
Sheet-metal workers -----	2.675	2.800	Elevator constructors' helpers -----	2.110	2.170
Stonemasons -----	3.150	3.250	Marble setters' helpers -----	2.225	2.375
Structural- and ornamental-iron workers -----	2.750	2.925	Plasterers' laborers -----	2.240	2.320
Buckers-up -----	2.875	3.050	Terrazzo workers' helpers -----	2.300	2.450
Sheeters -----	3.000	3.175	Tile layers' helpers -----	2.225	2.375
Tile layers -----	2.800	2.900			
<u>Helpers and laborers</u>			BUFFALO, N. Y.		
Bricklayers' tenders -----	1.300	1.375	<u>Journeyman</u>		
Mortar mixers -----	1.400	1.475	Asbestos workers -----	2.975	3.050
Building laborers -----	1.300	1.375	Boilermakers -----	3.140	3.250
Concrete helpers -----	1.300	1.375	Bricklayers -----	3.340	3.445
Composition roofers' helpers -----	1.350	1.380	Carpenters -----	2.985	3.110
Elevator constructors' helpers -----	1.988	2.060	Millwrights -----	3.020	3.140
Marble setters' helpers -----	1.350	1.425	Cement finishers -----	2.965	3.085
Plasterers' laborers -----	1.350	1.425	Swing scaffold -----	3.235	3.355
Hod carriers -----	1.350	1.425	Machine operators -----	3.135	3.255
Plumbers' laborers -----	1.300	1.375	Swing scaffold -----	3.385	3.505
Terrazzo workers' helpers -----	1.350	1.425	Electricians (inside wiremen) -----	3.150	3.300
Tile layers' helpers -----	1.350	1.425	Elevator constructors -----	3.190	3.215
			Engineers - Power equipment operators:		
BOSTON, MASS.			Building construction:		
<u>Journeyman</u>			Heavy equipment:		
Asbestos workers -----	3.000	3.070	Shovels, cranes, derricks -----	3.155	3.260
Boilermakers -----	3.000	3.075	Medium equipment:		
Bricklayers -----	3.085	3.250	Carryalls, trench machines -----	3.030	3.135
Carpenters -----	2.750	2.850	Hoists -----	2.990	3.095
Cement finishers -----	3.125	3.295	Light equipment:		
Electricians (inside wiremen) -----	3.000	3.000	Compressors, mechanical heaters -----	2.780	2.885
Elevator constructors -----	3.010	3.100	Pumps -----	2.905	3.010
Engineers - Power equipment operators:			Heavy construction:		
Building construction:			Heavy equipment:		
Heavy equipment:			Shovels, cranes, backhoes -----	3.155	3.260
Power shovels, piledrivers, hoisting engines -----	3.200	3.400	Medium equipment:		
Medium equipment:			Graders, carryalls, trench machines -----	3.030	3.135
Bulldozers, concrete mixers, steam boilers -----	2.825	3.025	Light equipment:		
Light equipment:			Compressors, heating boilers -----	2.780	2.885
Pumps, compressors, welding machines -----	2.750	2.950	Pavers -----	3.155	3.260

See footnote at end of table.

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1954, and July 1, 1955 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1954	July 1, 1955		July 1, 1954	July 1, 1955
CHICAGO, ILL. - Continued			CINCINNATI, OHIO - Continued		
<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>		
Structural-iron workers (erectors) -----	\$ 3.300	\$ 3.425	Structural-iron workers -----	\$ 3.040	\$ 3.200
Ornamental-iron finishers -----	3.250	3.300	Tile layers -----	3.100	3.175
Tile layers, ceramic -----	3.250	3.300	<u>Helpers and laborers</u>		
Metal, plastic, and composition -----	3.070	3.070	Building laborers -----	2.120	2.200
<u>Helpers and laborers</u>			Elevator constructors' helpers -----	2.160	2.250
Bricklayers' tenders -----	2.275	2.425	Hod carriers -----	2.320	2.400
Building laborers -----	2.275	2.425	Marble setters' helpers -----	2.520	2.595
Elevator constructors' helpers -----	2.240	2.330	Marble polishers and floor grinders -----	2.685	2.760
Marble setters' helpers -----	2.500	2.500	Terrazzo workers' helpers -----	2.430	2.505
Plasterers' laborers -----	2.550	2.550	Base grinders -----	2.850	2.925
Terrazzo workers' helpers -----	2.650	2.700	Tile layers' helpers -----	2.320	2.395
Base-machine operators -----	2.900	2.950	CLEVELAND, OHIO		
Tile layers' helpers -----	2.400	2.450	<u>Journeyman</u>		
CINCINNATI, OHIO			Asbestos workers -----	3.100	3.375
<u>Journeyman</u>			Boilermakers -----	3.200	3.350
Asbestos workers -----	3.025	3.150	Bricklayers -----	3.250	3.300
Boilermakers -----	3.050	3.100	Caisson and sewer Carpenters, millwrights, piledrivers and floor layers -----	3.275	3.400
Bricklayers -----	3.325	3.400	Cement finishers -----	3.100	3.250
Carpenters -----	3.025	3.150	Electricians (inside wiremen) -----	3.275	3.325
Millwrights -----	3.075	3.300	Elevator constructors -----	3.245	3.295
Cement finishers -----	2.750	2.950	Engineers - Power equipment operators: Building and heavy construction: Heavy equipment: Cranes -----	3.300	3.400
Electricians (inside wiremen) -----	3.250	3.250	Derricks -----	3.300	3.400
Elevator constructors -----	3.090	3.210	Power shovels -----	3.300	3.400
Engineers - Power equipment operators: Building construction: Heavy equipment: Cranes -----	3.100	3.175	Derricks -----	3.300	3.400
Derricks -----	3.100	3.175	Medium equipment: Power graders -----	3.050	3.150
Power shovels -----	3.100	3.175	Rollers, asphalt -----	2.925	3.025
Medium equipment: Power graders -----	2.850	2.925	Trench machines -----	3.050	3.150
Rollers, asphalt -----	2.725	2.800	Light equipment: Bulldozers -----	3.050	3.150
Trench machines -----	2.850	2.925	Compressors, portable -----	2.925	3.025
Light equipment: Bulldozers -----	2.850	2.925	Pumps, under 4 inches -----	2.125	2.200
Compressors, portable -----	2.475	2.550	Pumps, 4 inches and over -----	2.725	2.800
Pumps, under 4 inches -----	2.125	2.200	Heavy construction: Heavy equipment: Cranes -----	3.100	3.175
Pumps, 4 inches and over -----	2.725	2.800	Derricks -----	3.100	3.175
Heavy construction: Heavy equipment: Cranes -----	3.100	3.175	Power shovels -----	3.100	3.175
Derricks -----	3.100	3.175	Medium equipment: Power graders -----	2.850	2.925
Power shovels -----	3.100	3.175	Rollers, asphalt -----	2.725	2.800
Medium equipment: Power graders -----	2.850	2.925	Trench machines -----	2.850	2.925
Rollers, asphalt -----	2.725	2.800	Light equipment: Bulldozers -----	2.850	2.925
Trench machines -----	2.850	2.925	Compressors, portable -----	2.475	2.550
Light equipment: Bulldozers -----	2.850	2.925	Pumps, under 4 inches -----	2.125	2.200
Compressors, portable -----	2.475	2.550	Pumps, 4 inches and over -----	2.725	2.800
Pumps, under 4 inches -----	2.125	2.200	Glaziers -----	2.900	3.050
Pumps, 4 inches and over -----	2.725	2.800	Lathers, wood and metal -----	2.950	3.175
Glaziers -----	2.900	3.050	Machinists -----	2.935	3.250
Lathers, wood and metal -----	2.950	3.175	Marble setters -----	3.325	3.400
Machinists -----	2.935	3.250	Mosaic and terrazzo workers -----	3.100	3.175
Marble setters -----	3.325	3.400	Painters: Commercial -----	2.650	2.800
Mosaic and terrazzo workers -----	3.100	3.175	Industrial -----	2.750	2.950
Painters: Commercial -----	2.650	2.800	Residential -----	2.550	2.650
Industrial -----	2.750	2.950	Paperhangers: Commercial -----	2.650	2.800
Residential -----	2.550	2.650	Residential -----	2.550	2.650
Paperhangers: Commercial -----	2.650	2.800	Pipefitters -----	3.250	3.350
Residential -----	2.550	2.650	Plasterers -----	3.100	3.225
Pipefitters -----	3.250	3.350	Plumbers -----	3.050	3.125
Plasterers -----	3.100	3.225	Rodmen -----	2.875	3.035
Plumbers -----	3.050	3.125	Roofers, composition -----	2.575	2.850
Rodmen -----	2.875	3.035	Roofers, slate and tile -----	3.000	3.150
Roofers, composition -----	2.575	2.850	Roofers, precast slab -----	3.100	3.250
Roofers, slate and tile -----	3.000	3.150	Sheet-metal workers -----	3.000	3.150
Roofers, precast slab -----	3.100	3.250	Stonemasons -----	3.325	3.400
Sheet-metal workers -----	3.000	3.150	<u>Helpers and laborers</u>		
Stonemasons -----	3.325	3.400	Bricklayers' tenders -----	2.525	2.650
			Building laborers -----	2.525	2.650
			Elevator constructors' helpers -----	2.270	2.305
			Marble setters' helpers -----	2.575	2.700
			Plasterers' laborers -----	2.525	2.650
			Plumbers' laborers -----	2.650	2.775
			Terrazzo workers' helpers -----	2.575	2.700
			Machine operators -----	2.725	2.850
			Tile layers' helpers -----	2.575	2.650

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1954, and July 1, 1955 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1954	July 1, 1955		July 1, 1954	July 1, 1955
COLUMBUS, OHIO			DALLAS, TEX. - Continued		
<u>Journeyman</u>			<u>Journeyman - Continued</u>		
Asbestos workers	\$3.090	\$3.165	Bricklayers	\$3.500	\$3.625
Boilermakers	3.050	3.100	Carpenters	2.625	2.750
Bricklayers	3.400	3.400	Millwrights	2.875	3.000
Carpenters	2.775	2.850	Cement finishers	2.625	2.750
Millwrights	2.900	2.975	Electricians (inside wiremen)	3.000	3.000
Parquetry	2.775	2.850	Elevator constructors	3.110	3.170
Wharf and bridge	2.900	2.975	Engineers - Power equipment operators:		
Cement finishers	2.675	2.725	Building construction:		
Electricians (inside wiremen)	3.030	3.180	Heavy equipment:		
Elevator constructors	2.980	3.105	Bulldozers and cats	2.750	2.875
Engineers - Power equipment operators:			Carryalls	2.750	2.875
Building construction:			Cranes, derricks, draglines	2.750	2.875
Heavy equipment:			Hoists, 2 drums or over	2.750	2.875
Cranes (all types)	3.100	3.175	Medium equipment:		
Power shovels	3.100	3.175	Hoists, single drum	2.500	2.600
Derricks	3.100	3.175	Mixers, less than 14 cubic feet	2.500	2.600
Medium equipment:			Rollers, 10 tons or less	2.500	2.600
Power graders	2.850	2.925	Scrapers, 3 cubic yards or less	2.500	2.600
Rollers, asphalt	2.725	2.800	Light equipment:		
Rollers, brick, grade	2.475	2.550	Air compressors, 105 cubic		
Trench machines	2.850	2.925	feet or less	2.125	2.225
Light equipment:			Single water pumps	2.125	2.225
Bulldozers	2.850	2.925	Glaziers	2.225	2.350
Pumps, under 4 inches	2.125	2.200	Lathers	3.438	3.438
Pumps, 4 inches and over	2.725	2.800	Machinists	3.000	3.000
Compressors	2.725	2.800	Marble setters	2.750	2.900
Heavy construction:			Mosaic and terrazzo workers	2.750	2.900
Heavy equipment:			Painters	2.500	2.750
Cranes (all types)	3.100	3.175	Spray	2.750	3.125
Power shovels	3.100	3.175	Structural steel, swing stage	2.750	3.000
Derricks	3.100	3.175	Paperhangers	2.500	2.750
Medium equipment:			Pipefitters	3.000	3.100
Power graders	2.850	2.925	Plasterers	3.438	3.438
Rollers	2.725	2.800	Plumbers	3.000	3.100
Trench machines	2.850	2.925	Rodmen	2.600	2.675
Light equipment:			Roofers, composition	2.150	2.250
Bulldozers	2.850	2.925	Roofers, slate and tile	2.400	2.500
Pumps	2.725	2.800	Sheet-metal workers	2.875	3.000
Compressors	2.725	2.800	Stonemasons	3.500	3.625
Glaziers	2.350	2.475	Structural- and ornamental-iron		
Lathers	2.975	3.000	workers	2.875	2.950
Marble setters	2.675	2.750	Buckers-up	3.013	3.088
Mosaic and terrazzo workers	2.675	2.750	Sheeters	3.150	3.225
Painters	2.600	2.600	Tile layers	2.750	2.900
Spray	2.900	2.900			
Structural steel	2.775	2.775	<u>Helpers and laborers</u>		
Paperhangers	2.600	2.600	Bricklayers' tenders	1.600	1.650
Pipefitters	3.000	3.150	Hod carriers	1.600	1.650
Plasterers	2.975	3.000	Mortar mixers	1.600	1.650
Plumbers	3.000	3.150	Building laborers	1.450	1.500
Rodmen and reinforcers	3.025	3.100	Elevator constructors' helpers	2.170	2.220
Roofers, composition	2.650	2.750	Plasterers' laborers	1.600	1.650
Roofers, slate and tile	2.650	2.750			
Spray gun or damp proofing	2.825	2.925	DAYTON, OHIO		
Sheet-metal workers	2.850	2.925	<u>Journeyman</u>		
Stonemasons; stone setters	3.150	3.300	Asbestos workers	2.760	3.100
Cement blockmen	3.150	3.400	Boilermakers	3.000	3.100
Structural-iron workers	3.025	3.100	Bricklayers	3.320	3.470
Tile layers	2.675	2.750	Carpenters	2.800	2.950
			Cement finishers	2.620	2.770
<u>Helpers and laborers</u>			Electricians (inside wiremen)	3.190	3.340
Bricklayers' tenders	2.150	2.200	Elevator constructors	3.090	3.210
Building laborers	1.950	2.000	Engineers - Power equipment operators:		
Elevator constructors' helpers	2.085	2.180	Building construction:		
Marble setters' helpers	1.900	1.900	Heavy equipment:		
Plasterers' laborers	2.150	2.200	Cranes (all types)	3.080	3.230
Terrazzo workers' helpers	1.900	1.900	Power shovels	3.080	3.230
Base-machine operators	2.100	2.100	Derricks	3.080	3.230
Floor grinders	2.000	2.000	Medium equipment:		
Tile layers' helpers	1.900	1.900	Power graders	2.800	2.950
			Rollers (asphalt)	2.670	2.820
DALLAS, TEX.			Trench machines	2.800	2.950
<u>Journeyman</u>			Light equipment:		
Asbestos workers	3.000	3.000	Bulldozers	2.800	2.950
Boilermakers	2.900	2.975	Pumps, over 4 inches	2.670	2.820
			Compressors	2.670	2.820

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1954, and July 1, 1955 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1954	July 1, 1955		July 1, 1954	July 1, 1955
DAYTON, OHIO - Continued			DENVER, COLO. - Continued		
<u>Journeyman</u> - Continued			<u>Journeyman</u> - Continued		
Engineers - Power equipment operators: - Continued			Glaziers	\$2.500	\$2.500
Heavy construction:			Lathers	3.300	3.375
Heavy equipment:			Machinists	2.775	2.850
Cranes (all types)	\$3.080	\$3.230	Marble setters	3.200	3.200
Power shovels	3.080	3.230	Mosaic and terrazzo workers	3.200	3.200
Derricks	3.080	3.230	Painters	2.600	2.600
Medium equipment:			Spray	2.925	2.925
Power graders	2.800	2.950	Paperhangers	2.600	2.600
Rollers (asphalt)	2.670	2.820	Pipefitters	3.050	3.050
Trench machines	2.800	2.950	Plasterers	3.300	3.300
Light equipment:			Plumbers	3.050	3.050
Bulldozers	2.800	2.950	Rodmen	2.750	*2.850
Pumps, over 4 inches	2.670	2.820	Roofers, composition	2.850	2.950
Compressors	2.670	2.820	Roofers, slate and tile	2.850	2.950
Glaziers	2.650	2.700	Sheet-metal workers	2.775	3.020
Lathers	3.000	3.150	Stonemasons	3.500	3.500
Marble setters	3.150	3.300	Structural-iron workers	2.750	*2.850
Mosaic and terrazzo workers	3.150	3.300	Tile layers	3.200	3.200
Painters	2.670	2.820			
Swing and scaffold	2.780	2.930	<u>Helpers and laborers</u>		
Spray	3.080	3.230	Bricklayers' tenders	2.275	2.350
Structural steel, iron and bridge	2.940	3.090	Building laborers	1.875	1.925
Paperhangers	2.940	3.090	Elevator constructors' helpers	2.160	2.210
Pipefitters	3.160	3.250	Marble setters' helpers	2.150	2.150
Plasterers	2.970	3.120	Plasterers' laborers	2.275	2.350
Plumbers	3.160	3.250	Plumbers' laborers:		
Rodmen and reinforcers	2.830	2.955	Drain layers	2.150	*2.150
Roofers, composition	2.580	2.730	Pipelayers, over 6 inches	2.400	*2.400
Roofers, slate and tile	2.800	2.950	Terrazzo workers' helpers	2.150	2.150
Sheet-metal workers	2.800	2.950	Tile layers' helpers	2.150	2.150
Stonemasons	3.320	3.470			
Structural-iron workers	3.000	3.125	DES MOINES, IOWA		
Tile layers	3.150	3.300	<u>Journeyman</u>		
<u>Helpers and laborers</u>			Asbestos workers	2.900	3.000
Bricklayers' tenders and hod carriers	2.250	2.400	Boilermakers	2.900	3.000
Building laborers	1.980	2.130	Bricklayers	3.550	3.650
Elevator constructors' helpers	2.160	2.250	Carpenters	2.800	2.900
Marble setters' helpers	2.060	2.160	Millwrights	2.800	2.900
Plasterers' tenders	2.250	2.400	Hardwood floor layers	2.800	2.900
Plumbers' laborers	1.980	2.130	Wharf, bridge, and piledrivers	2.800	2.900
Terrazzo workers' helpers	2.060	2.160	Cement finishers	2.800	2.925
Base grinders	2.590	2.690	Electricians (inside wiremen)	3.000	3.050
Tile layers' helpers	2.060	2.160	Elevator constructors	2.980	3.160
			Engineers - Power equipment operators:		
DENVER, COLO.			Building construction:		
<u>Journeyman</u>			Heavy equipment:		
Asbestos workers	3.000	3.100	Cranes and shovels (over 3/4 yard capacity)	2.900	3.000
Boilermakers	2.900	3.000	Paving mixers	2.900	3.000
Bricklayers	3.500	3.500	Sideboom tractors	2.900	3.000
Sewer work	3.750	3.750	Medium equipment:		
Carpenters	2.850	2.850	Single-drum hoists	2.700	2.800
Cement finishers	2.850	2.900	Compressors (over 250 cubic feet capacity)	2.700	2.800
Composition floor layers	2.975	3.025	Scoops and dozers	2.700	2.800
Electricians (inside wiremen)	3.000	3.000	Light equipment:		
Elevator constructors	3.090	3.160	Compressors (under 250 cubic feet capacity)	2.300	2.400
Engineers - Power equipment operators:			Welding machines	2.300	2.400
Building construction:			Glaziers	2.350	2.450
Heavy equipment:			Lathers	2.875	2.975
Derricks, shovels, multiple-drum hoists	2.780	2.830	Machinists	2.840	3.050
Medium equipment:			Marble setters	2.750	3.000
Tractors	2.610	2.660	Mosaic and terrazzo workers	2.750	3.000
Concrete pavers	2.780	2.830	Painters	2.525	2.625
Light equipment:			Spray and swing stage	2.775	2.875
One-drum hoists, compressors, pumps	2.610	2.660	Paperhangers	2.525	2.625
Heavy construction:			Pipefitters	3.100	3.200
Heavy equipment:			Plasterers	2.800	3.000
Shovels	2.780	2.830	Plumbers	3.100	3.200
Euclid loaders	2.780	2.830	Rodmen	2.875	3.000
Pull type	2.610	2.660	Roofers, composition	2.300	2.400
Medium equipment:			Roofers, slate and tile	2.300	2.400
Tractors	2.610	2.660	Sheet-metal workers	2.825	2.850
Light equipment:			Stonemasons	3.550	3.650
Compressors, pumps, core or diamond drills	2.610	2.660			

* This rate in effect prior to July 1, 1955; new scale in negotiation at time of survey.

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1954, and July 1, 1955 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1954	July 1, 1955		July 1, 1954	July 1, 1955
DES MOINES, IOWA - Continued			DETROIT, MICH. - Continued		
<u>Journeyman - Continued</u>			<u>Helpers and laborers</u>		
Structural-iron workers	\$2.875	\$3.000	Bricklayers' tenders	\$2.350	\$2.450
Tile layers	2.750	3.000	Mortar mixers	2.430	2.530
<u>Helpers and laborers</u>			Building laborers	2.350	2.450
Bricklayers' tenders	2.050	2.150	Elevator constructors' helpers	2.200	2.260
Mortar mixers	2.150	2.250	Marble setters' helpers	2.520	2.650
Building laborers	2.050	2.150	Marble polishers and rubbers	2.620	2.750
Elevator constructors' helpers	2.090	2.210	Plasterers' laborers	2.650	2.860
Marble setters' helpers	2.050	2.150	Terrazzo workers' helpers	2.500	2.680
Plasterers' laborers	2.175	2.275	Base-machine operators and dry grinders	2.890	3.070
Terrazzo workers' helpers	2.050	2.150	Tile layers' helpers	2.500	2.620
Tile layers' helpers	2.050	2.150	ERIE, PA.		
DETROIT, MICH.			<u>Journeyman</u>		
<u>Journeyman</u>			Bricklayers	3.350	3.450
Asbestos workers	3.300	3.430	Carpenters	2.900	3.000
Home insulators	2.720	2.820	Millwrights	3.125	3.200
Boilermakers	3.200	3.300	Cement finishers	2.750	2.850
Bricklayers	3.250	3.480	Electricians (inside wiremen)	3.050	3.050
Carpenters	3.050	3.100	Elevator constructors	2.930	2.930
Millwrights	3.050	3.220	Engineers - Power equipment operators:		
Cement finishers	2.900	3.010	Building construction:		
Electricians (inside wiremen)	3.250	3.350	Heavy equipment:		
Elevator constructors	3.140	3.230	Shovels, cranes, ditchers	3.150	3.350
Engineers - Power equipment operators:			Medium equipment:		
Building construction:			Graders, bulldozers	2.750	2.875
Heavy equipment:			Scoops (carryall)	2.850	2.975
Cranes (on steel)	3.250	3.375	Light equipment:		
Piledrivers (not on steel)	3.100	3.200	Compressors, pumps	2.600	2.725
Shovel combinations	3.100	3.200	Rollers	2.750	2.875
Medium equipment:			Heavy construction:		
Bulldozers	3.100	3.200	Heavy equipment:		
Derricks (on steel)	3.250	3.375	Cranes, shovels	2.850	2.850
Derricks (not on steel)	3.100	3.200	Carryall scoops	2.670	2.670
Light equipment:			Medium equipment:		
Compressors (on steel)	3.250	3.375	Bulldozers	2.670	2.670
Compressors (not on steel)	2.825	2.925	Compressors, hoists	2.420	2.420
Hoists (on steel)	3.250	3.375	Light equipment:		
Hoists (not on steel)	3.100	3.200	Rollers, pumps, welders	2.420	2.420
Heavy construction:			Glaziers	2.350	2.500
Heavy equipment:			Lathers	3.300	3.400
Cranes (on steel)	3.250	3.375	Machinists	2.500	2.600
Piledrivers (not on steel)	3.100	3.200	Marble setters	3.000	3.000
Shovel combinations	3.100	3.200	Mosaic and terrazzo workers	3.000	3.000
Medium equipment:			Painters	2.450	2.550
Bulldozers	3.100	3.200	Swing	2.560	2.660
Trench machines	3.100	3.200	Spray	2.835	2.935
Light equipment:			Structural iron	2.670	2.770
Hoists (on steel)	3.250	3.375	Paperhangers	2.450	2.550
Hoists (not on steel)	3.100	3.200	Pipefitters	2.900	3.000
Compressors (on steel)	3.250	3.375	Plasterers	3.000	3.100
Compressors (not on steel)	2.825	2.925	Plumbers	2.900	3.000
Pumps	3.100	3.200	Rodmen	3.150	3.325
Glaziers	2.700	2.825	Roofers	2.350	2.475
Lathers	3.260	3.480	Sheet-metal workers	2.800	2.800
Marble setters	3.200	3.330	Stonemasons	3.350	3.450
Mosaic and terrazzo workers	3.100	3.230	Structural-iron workers	3.150	3.325
Painters	2.850	2.975	Tile layers	3.000	3.000
Spray and swing stage	3.100	3.225	<u>Helpers and laborers</u>		
Paperhangers	2.850	2.975	Bricklayers' tenders:		
Pipefitters	3.125	3.293	Using hod	2.300	2.375
Sprinkler fitters	3.000	3.293	Using wheelbarrow	2.200	2.275
Plasterers:			Building laborers	2.100	2.175
Commercial	3.260	3.494	Elevator constructors' helpers	2.050	2.050
Residential	3.290	3.494	Marble setters' helpers	2.075	2.275
Plumbers	3.125	3.293	Plasterers' laborers	2.300	2.375
Rodmen, reinforced steel workers	2.960	3.070	Plumbers' laborers	2.200	2.275
Roofers, composition and precast tile	3.150	3.225	Terrazzo workers' helpers	2.075	2.325
Roofers, slate and tile	3.500	3.575	Grinders and polishers	2.175	2.375
Sheet-metal workers:			Tile layers' helpers	2.075	2.275
Agreement A	3.125	3.250	GRAND RAPIDS, MICH.		
Agreement B	3.000	3.175	<u>Journeyman</u>		
Stonemasons	3.250	3.480	Asbestos workers	3.000	3.150
Structural-iron workers	3.250	3.375	Bricklayers	3.250	3.350
Riggers	2.875	2.950			
Tile layers	3.100	3.230			

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1954, and July 1, 1955 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1954	July 1, 1955		July 1, 1954	July 1, 1955
GRAND RAPIDS, MICH. - Continued			HOUSTON, TEX. - Continued		
<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>		
Carpenters	\$2.675	\$2.775	Engineers - Power equipment operators:		
Millwrights	3.000	3.100	Building construction:		
Cement finishers	2.675	2.775	Heavy equipment:		
Electricians (inside wiremen)	3.000	3.100	Bulldozers and cat		
Elevator constructors	3.040	3.110	tractors	\$3.000	\$3.000
Engineers - Power equipment operators:			Cranes, derricks, and		
Building construction:			draglines	3.000	3.000
Heavy equipment:			Hoists, 2 or more drums	3.000	3.000
Cranes (on steel)	3.160	3.285	Mixers, 14 cubic feet		
Shovel combinations	2.950	3.050	or over	3.000	3.000
Piledrivers	2.950	3.050	Piledrivers	3.000	3.000
Medium equipment:			Light equipment:		
Bulldozers	2.850	2.950	Air compressors	2.550	2.550
Derricks (on steel)	3.160	3.285	Mixers, less than		
Derricks (not on steel)	2.950	3.050	14 cubic feet	2.550	2.550
Light equipment:			Pumps	2.550	2.550
Compressors (on steel)	3.160	3.285	Heavy construction:		
Compressors (not on steel)	2.575	2.675	Heavy equipment:		
Hoists (on steel)	3.160	3.285	Bulldozers	3.000	3.000
Hoists (not on steel)	2.850	2.950	Graders, blade (self-		
Heavy construction:			propelled)	3.000	3.000
Heavy equipment:			Mixers, 14 cubic feet		
Cranes (on steel)	3.160	3.285	or over	3.000	3.000
Shovel combinations	2.950	3.050	Scrapers, over 3 cubic		
Piledrivers	2.950	3.050	yards	3.000	3.000
Medium equipment:			Light equipment:		
Bulldozers	2.850	2.950	Air compressors	2.550	2.550
Trench machines	2.850	2.950	Pumps	2.550	2.550
Light equipment:			Wagon drill operators	2.550	2.550
Hoists	2.850	2.950	Glaziers	2.525	2.625
Compressors (on steel)	3.160	3.285	Lathers	3.250	3.250
Compressors (not on steel)	2.575	2.675	Machinists	3.000	3.000
Pumps	2.850	2.950	Marble setters	2.900	2.900
Glaziers	2.450	2.550	Mosaic and terrazzo workers	2.900	2.900
Lathers	3.000	3.000	Painters	2.625	2.625
Marble setters	2.750	3.000	Steel, spray, on stage	3.125	3.125
Mosaic and terrazzo workers	2.750	3.000	Steel, brush	2.750	2.750
Painters	2.400	2.500	Steel, spray	3.000	3.000
Spray and swing stage	2.650	2.750	Steel, swing stage	2.875	2.875
Paperhangers	2.650	2.750	Paperhangers	2.625	2.625
Pipefitters	3.125	3.250	Pipefitters	3.000	3.100
Plasterers	3.000	3.100	Plasterers	3.250	3.250
Plumbers	3.125	3.250	Plumbers	3.000	3.100
Rodmen	2.920	3.020	Rodmen	2.750	2.750
Roofers, composition	2.400	2.500	Roofers, composition	2.500	2.500
Roofers, slate and tile	2.650	2.750	Roofers, slate and tile	3.000	3.125
Sheet-metal workers	2.750	2.810	Sheet-metal workers	3.000	3.125
Stonemasons	3.250	3.350	Stonemasons	3.425	3.425
Structural-iron workers	3.160	3.260	Structural-iron workers	3.000	3.000
Tile layers	2.750	3.000	Sheeters and buckers-up	3.150	3.150
			Tile layers	2.900	2.900
<u>Helpers and laborers</u>			<u>Helpers and laborers</u>		
Bricklayers' tenders	1.925	2.050	Bricklayers' tenders	1.750	*1.800
Mortar mixers	1.925	2.150	Building laborers	1.550	*1.600
Building laborers	1.925	2.050	Elevator constructors' helpers	2.170	2.240
Elevator constructors' helpers	2.140	2.180	Marble setters' helpers	1.750	1.750
Marble setters' helpers	2.250	2.250	Mosaic and terrazzo workers' helpers	1.750	1.750
Plasterers' tenders	2.050	2.175	Plasterers' laborers	1.850	*1.900
Terrazzo workers' helpers	2.250	2.250	Tile layers' helpers	1.750	1.750
Base-machine operators	2.500	2.500			
Tile layers' helpers	2.250	2.250			
HOUSTON, TEX.			INDIANAPOLIS, IND.		
<u>Journeyman</u>			<u>Journeyman</u>		
Asbestos workers	3.063	3.180	Asbestos workers	3.100	3.200
Boilermakers	2.900	2.975	Boilermakers	3.150	3.250
Bricklayers	3.425	3.425	Bricklayers	3.250	3.450
Carpenters	2.738	2.850	Carpenters - commercial	3.000	3.100
Piledrivers, wharf and bridge	2.750	2.850	Residential	2.650	2.750
Floor layers (parquetry)	2.500	2.650	Cement finishers	2.700	2.800
Millwrights	2.900	3.000	Electricians (inside wiremen)	3.100	3.250
Cement finishers	2.750	2.850	Elevator constructors	3.040	3.230
Electricians (inside wiremen)	3.125	3.125			
Elevator constructors	3.100	3.200			

* This rate in effect prior to July 1, 1955; new scale in negotiation at time of survey.

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1954, and July 1, 1955 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1954	July 1, 1955		July 1, 1954	July 1, 1955
KANSAS CITY, MO. - Continued			KNOXVILLE, TENN. - Continued		
<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>		
Engineers - Power equipment operators: - Continued			Engineers - Power equipment operators: - Continued		
Heavy construction:			Heavy construction: - Continued		
Heavy equipment:			Medium equipment:		
Draglines and shovels -----	\$2.925	\$3.045	Central compressor plants -----	\$2.400	\$2.500
Dredges, steam, gas, electric, Diesel -----	2.925	3.045	Central mixing plants -----	2.400	2.500
Piledrivers, land and float -----	2.925	3.045	Hi-lifts -----	2.400	2.500
Medium equipment:			Light equipment:		
Ditching machines -----	2.925	3.045	Core drills -----	2.025	2.125
Patrol blades -----	2.725	2.800	Loaders, Barber Green type -----	2.025	2.125
Tractors, over 50 horsepower -----	2.725	2.800	Glaziers -----	2.100	2.200
Light equipment:			Lathers -----	2.625	2.625
Firemen -----	2.325	2.360	Marble setters -----	3.075	3.200
Oilers and greasers -----	2.090	2.250	Mosaic and terrazzo workers -----	3.075	3.200
Tractors, less than 50 horsepower -----	2.090	2.250	Painters -----	2.300	2.400
Glaziers -----	2.800	2.800	Spray (on wood) -----	2.550	2.650
Lathers -----	3.000	3.075	Structural steel (brush) -----	2.650	2.750
Machinists -----	2.650	2.850	Swing stage -----	2.750	2.850
Marble setters -----	3.050	3.300	Spray (on steel) -----	2.900	3.000
Mosaic and terrazzo workers -----	3.175	3.300	Pipefitters -----	2.900	3.000
Painters -----	2.660	2.800	Plasterers -----	2.800	2.875
Paperhangers -----	2.660	2.800	Plumbers -----	2.900	3.000
Pipefitters and sprinkler fitters -----	3.000	3.150	Rodmen -----	2.625	2.750
Plasterers -----	3.250	3.325	Roofers, composition -----	1.950	2.050
Plumbers -----	3.000	3.150	Roofers, slate and tile -----	2.000	2.100
Rodmen, reinforcers -----	2.750	2.850	Sheet-metal workers -----	2.650	2.800
Roofers, composition -----	2.575	2.650	Structural-iron workers -----	2.750	2.850
Roofers, slate and tile -----	2.575	2.650	Tile layers -----	3.075	3.200
Sheet-metal workers -----	3.060	3.150			
Stonemasons -----	3.250	3.250	Helpers and laborers		
Structural-iron workers -----	2.900	3.000	Building laborers -----	1.450	1.550
Tile layers -----	3.175	3.300	Composition roofers' helpers -----	1.350	1.450
Helpers and laborers			Elevator constructors' helpers -----	1.930	2.030
Bricklayers' tenders -----	2.225	2.300	Plasterers' laborers -----	1.500	1.500
Building laborers -----	2.030	2.105	Hod carriers -----	1.550	1.550
Elevator constructors' helpers -----	2.200	2.260	Mortar mixers -----	1.500	1.500
Marble setters' helpers -----	2.085	2.160			
Plasterers' laborers -----	2.225	2.300	LITTLE ROCK, ARK.		
Plumbers' laborers -----	2.085	2.200	<u>Journeyman</u>		
Terrazzo workers' helpers -----	2.115	2.200	Asbestos workers -----	2.900	3.000
Base-machine operators -----	2.475	2.550	Boilermakers -----	2.900	2.975
Tile layers' helpers -----	2.085	2.160	Bricklayers -----	3.250	3.400
			Carpenters, floor layers -----	2.250	2.500
			Millwrights, piledrivers -----	2.500	2.750
			Cement finishers -----	2.200	2.350
			Electricians (inside wiremen) -----	2.875	*2.875
			Elevator constructors -----	2.890	2.950
			Engineers - Power equipment operators:		
			Air compressors:		
			1 pump -----	1.750	1.850
			2 pumps -----	2.000	2.100
			Bulldozers -----	2.450	2.550
			Cranes and draglines -----	2.700	2.800
			Derricks -----	2.700	2.800
			Graders:		
			Blade -----	2.200	2.300
			Elevating -----	2.450	2.550
			Hoists:		
			1 drum -----	2.200	2.300
			2 or more drums -----	2.450	2.550
			Locomotives -----	2.450	2.550
			Mixers:		
			Less than 105 -----	2.200	2.300
			105 or larger -----	2.450	2.550
			Pumps, 2 - 4 inches -----	1.750	1.850
			Rollers -----	2.200	2.300
			Shovels -----	2.700	2.800
			Trench machines -----	2.450	2.550
			Glaziers -----	2.125	2.250
			Lathers -----	2.940	2.940
			Marble setters -----	2.750	*2.750
			Mosaic and terrazzo workers -----	2.750	*2.750
			Painters -----	2.125	2.250
			Spray -----	2.950	2.950
			Structural steel -----	2.400	2.438
			Swing stage -----	2.400	2.400
KNOXVILLE, TENN.					
<u>Journeyman</u>					
Asbestos workers -----	2.800	2.925			
Boilermakers -----	2.900	2.975			
Bricklayers -----	3.075	3.200			
Carpenters -----	2.500	2.600			
Millwrights -----	2.650	2.750			
Piledrivers -----	2.500	2.850			
Cement finishers -----	2.380	2.430			
Electricians (inside wiremen) -----	2.820	2.920			
Elevator constructors -----	2.760	2.900			
Engineers - Power equipment operators:					
Building construction:					
Heavy equipment:					
Cranes, overhead, electric -----	2.650	2.750			
Hoists, 2 drums -----	2.650	2.750			
Winch trucks, "A" frame -----	2.650	2.750			
Medium equipment:					
Bulldozers -----	2.400	2.500			
Paving machines -----	2.400	2.500			
Tractors, side boom -----	2.400	2.500			
Light equipment:					
Compressors, portable -----	2.025	2.125			
Finishing machines -----	2.025	2.125			
Pumps, over 2 inches -----	2.025	2.125			
Heavy construction:					
Heavy equipment:					
Cranes, derricks, draglines -----	2.650	2.750			
Piledrivers -----	2.650	2.750			
Shovels, power -----	2.650	2.750			

* This rate in effect prior to July 1, 1955; new scale in negotiation at time of survey.

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1954, and July 1, 1955 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1954	July 1, 1955		July 1, 1954	July 1, 1955
LITTLE ROCK, ARK. - Continued			LOS ANGELES, CALIF. - Continued		
<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>		
	\$	\$		\$	\$
Paperhangers	2.250	2.250	Painters	*2.730	*2.900
Pipefitters	2.880	3.000	Spray	*2.980	*3.150
Plasterers	2.940	2.940	Swing stage, brush	*2.850	*3.020
Plumbers	2.880	3.000	Swing stage, spray	*3.100	*3.270
Rodmen	2.310	2.550	Paperhangers	*2.850	*3.020
Roofers, composition	1.900	1.950	Pipefitters	3.250	3.275
Roofers, slate and tile	2.150	2.200	Refrigeration fitters	3.000	3.050
Sheet-metal workers	2.500	2.500	Sprinkler fitters	3.125	3.250
Stonemasons	3.250	3.400	Plasterers	3.438	3.563
Structural and ornamental-iron workers	2.590	2.750	Plumbers	3.250	3.340
Tile layers	2.750	*2.750	Rodmen	2.740	2.850
			Roofers	2.750	2.850
<u>Helpers and laborers</u>			<u>Helpers and laborers</u>		
Bricklayers' tenders	1.350	1.350	Sheet-metal workers	3.000	3.120
Hod carriers	1.350	1.350	Stonemasons	3.175	3.600
Mortar mixers	1.350	1.350	Structural-iron workers	3.000	3.100
Building laborers	1.100	1.100	Finishers	3.000	3.100
Elevator constructors' helpers	2.020	2.070	Tile layers	3.000	3.120
Marble setters' helpers	(³)	1.500			
Plasterers' laborers	1.350	1.350	<u>Helpers and laborers</u>		
Plumbers' laborers	1.100	1.100	Bricklayers' tenders	2.400	2.500
Terrazzo workers' helpers	(³)	1.500	Building laborers	2.075	2.160
Tile layers' helpers	(³)	1.500	Composition roofers' helpers	2.000	2.100
			Elevator constructors' helpers	2.220	2.300
LOS ANGELES, CALIF.			LOUISVILLE, KY.		
<u>Journeyman</u>			<u>Journeyman</u>		
Asbestos workers	3.150	3.250	Asbestos workers	2.975	3.100
Home insulators	2.700	2.860	Boilermakers	2.950	3.050
Boilermakers	3.050	3.125	Bricklayers	3.270	3.400
Bricklayers	3.175	3.600	Carpenters	2.770	3.000
Carpenters	2.775	2.860	Millwrights	2.920	3.150
Millwrights, parquetry floor layers	2.975	3.060	Parquetry floor layers, wharf and bridge, and piledrivers	2.770	3.000
Wharf and bridge, shinglers	2.905	2.990	Cement finishers	2.700	3.000
Cement finishers	2.700	2.785	On scaffold	2.900	3.250
Composition and mastic	2.820	2.905	Electricians (inside wiremen) and fixture hangers	3.050	3.150
Electricians (inside wiremen)	3.200	3.250	Elevator constructors	2.980	3.110
Elevator constructors	3.170	3.280	Engineers - Power equipment operators:		
Engineers - Power equipment operators:			Building construction:		
Building construction:			Heavy equipment:		
Heavy equipment:			Cranes	3.000	3.000
Universal equipment (shovels, draglines, derricks, derrick- barges, clamshells or cranes)	2.880	3.000	Hoists	3.000	3.000
Piledrivers	2.880	3.000	Shovels	3.000	3.000
Tractors (bulldozers, tampers, scrapers or drag-type shovels or boom attachments)	2.650	2.770	Medium equipment:		
Medium equipment:			Bulldozers	3.000	3.000
A-Frame boom trucks	2.650	2.770	Compressors	2.500	2.500
Motor patrols, including any type of power blade	2.790	2.910	Mixers	2.500	2.500
Light equipment:			Light equipment:		
Air compressors	2.350	2.490	Firemen	2.500	2.500
Concrete mixers (skip type)	2.500	2.610	Oilers	2.150	2.150
Heavy construction:			Pumps	2.150	2.150
Heavy equipment:			Heavy construction:		
Universal equipment (shovels, draglines, derrick-barges, clamshells or cranes)	2.880	3.000	Heavy equipment:		
Tractors (bulldozers, tampers, scrapers, drag-type shovels, or boom attachments)	2.650	2.770	Bulldozers	3.000	3.000
Medium equipment:			Cranes	3.000	3.000
Motor patrols, including any type of power blade	2.790	2.910	Scoops	3.000	3.000
Concrete mixers and mobile mixers	2.750	2.910	Medium equipment:		
Light equipment:			Compressors	2.500	2.500
Air compressors	2.350	2.490	Derricks	3.000	3.000
Skip loaders (wheel type)	2.500	2.610	Tractors	3.000	3.000
Glaziers	2.585	2.705	Light equipment:		
Lathers	3.375	3.563	Firemen	2.500	2.500
Machinists	2.900	3.000	Oilers	2.150	2.150
Marble setters	2.875	*2.875	Pumps	2.150	2.150
Mosaic and terrazzo workers	3.070	3.195	Glaziers	2.500	2.550
			Lathers	2.875	3.000
			Machinists	3.050	3.200
			Marble setters	2.820	3.000
			Mosaic and terrazzo workers	2.820	3.000

See footnotes at end of table.

* This rate in effect prior to July 1, 1955; new scale in negotiation at time of survey.

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1954, and July 1, 1955 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1954	July 1, 1955		July 1, 1954	July 1, 1955
LOUISVILLE, KY. - Continued			MEMPHIS, TENN. - Continued		
Journeyman - Continued			Journeyman - Continued		
Painters -----	\$2.650	\$2.650	Marble setters -----	\$2.750	\$2.925
Spray -----	4.000	4.000	Mosaic and terrazzo workers -----	2.750	2.925
Stage -----	2.775	2.775	Painters -----	2.313	2.438
Structural steel -----	3.000	3.000	Spray, structural steel, and swing stage -----	2.438	2.563
Paperhangers -----	1.925	1.925	Paperhangers -----	2.313	2.438
Pipefitters -----	3.000	3.075	Pipefitters -----	3.000	3.000
Plasterers -----	3.000	3.210	Air conditioning and refrigeration fitters -----	(³)	2.675
Plumbers -----	3.000	3.075	Plasterers -----	3.000	3.000
Rodmen -----	2.650	3.050	Plumbers -----	3.000	3.000
Roofers, composition -----	2.200	2.250	Rodmen -----	2.450	2.550
Roofers, slate and tile -----	2.750	2.900	Roofers, composition -----	1.975	2.050
Sheet-metal workers -----	2.750	2.900	Roofers, slate and tile -----	2.375	2.375
Stonemasons -----	3.270	3.400	Sheet-metal workers -----	2.750	2.750
Structural-iron workers, ornamental finishers and riggers -----	2.850	3.050	Stonemasons -----	3.300	3.500
Tile layers -----	2.820	3.000	Structural- and ornamental-iron workers-- Tile layers -----	2.600	2.700
Helpers and laborers			Helpers and laborers		
Bricklayers' tenders -----	2.125	2.250	Bricklayers' tenders -----	1.600	*1.600
Building laborers -----	1.800	2.000	Building laborers -----	1.250	1.325
Elevator constructors' helpers -----	2.090	2.180	Composition roofers' helpers -----	(³)	1.325
Marble setters' helpers -----	1.650	2.000	Elevator constructors' helpers -----	2.070	2.100
Plasterers' laborers -----	2.125	2.250	Plasterers' tenders -----	1.600	*1.600
Plumbers' laborers -----	1.800	2.000	Plumbers' laborers -----	1.250	1.325
Terrazzo workers' helpers -----	1.650	2.000	MILWAUKEE, WIS.		
Base grinders -----	1.900	2.200	Journeyman		
Flat grinders -----	1.750	2.000	Asbestos workers -----	3.000	3.050
Tile layers' helpers -----	1.650	2.000	Boilermakers -----	3.000	3.100
MEMPHIS, TENN.			Bricklayers -----	3.200	3.250
Journeyman			Carpenters -----	2.940	2.990
Asbestos workers -----	2.900	3.000	Wharf and bridge -----	2.965	3.015
Boilermakers -----	2.900	2.975	Millwrights -----	2.940	2.990
Bricklayers -----	3.300	3.500	Cement finishers -----	2.615	2.750
Carpenters -----	2.375	2.475	Machine work -----	2.725	2.860
Cement finishers -----	2.375	2.475	Mastic, marbelette and composition floors and roofs -----	2.725	2.860
Machine operators -----	2.500	2.725	Electricians (inside wiremen) -----	2.940	3.000
Electricians (inside wiremen) -----	2.950	3.000	Elevator constructors -----	2.850	3.015
Elevator constructors -----	2.960	3.000	Elevator constructors - Power equipment operators:		
Engineers - Power equipment operators:			Building construction:		
Air compressors:			Heavy equipment:		
Portable -----	1.775	1.875	Cranes, shovels, draglines -----	3.055	3.175
Stationary -----	2.025	2.125	Trench machines -----	3.055	3.175
Bulldozers -----	2.275	2.375	Derricks -----	3.055	3.175
Cranes, derricks, draglines (with boom), piledrivers, rig operators ---	2.525	2.625	Medium equipment:		
Derricks (no boom) -----	2.150	2.250	Tractors or bulldozers under 40 horsepower -----	2.670	2.790
Graders (motor) -----	2.275	2.375	Tractors or bulldozers over 40 horsepower -----	2.890	3.010
Hoists:			Mixers -----	2.670	2.790
1 drum -----	2.025	2.125	Mixers, when pavers are used ---	2.890	3.010
2 or more drums -----	2.275	2.375	Hi - lifts -----	2.890	3.010
Locomotives -----	2.275	2.375	Light equipment:		
Mixers:			Firemen -----	2.340	2.460
115 or smaller -----	1.775	1.875	Pumps -----	2.395	2.515
Larger than 115 -----	2.275	2.375	Air compressors -----	2.450	2.570
Mobilizers -----	2.400	2.500	Heavy construction:		
Pumps:			Heavy equipment:		
Under 4-inch discharge -----	1.525	1.625	Shovels, cranes, draglines -----	3.055	3.175
4-inch discharge and larger, on excavation -----	1.775	1.875	Trench machines -----	3.055	3.175
Rollers, sheepfoot -----	2.150	2.250	Hoes -----	3.055	3.175
Scrapers -----	2.275	2.375	Medium equipment:		
Shovels -----	2.525	2.625	Tractors or bulldozers under 40 horsepower -----	2.725	2.845
Tournapulls -----	2.275	2.375	Tractors or bulldozers over 40 horsepower -----	2.890	3.010
Tractor trucks (Lynn and Euclid) -----	1.775	1.875	Mixers -----	2.670	2.790
Tractors:			Mixers, when pavers are used ---	2.890	3.010
40 horsepower or less -----	1.900	2.000	Scrapers -----	2.890	3.010
Over 40 horsepower -----	2.025	2.125	Light equipment:		
Trench machines:			Air compressors -----	2.450	2.570
Under 18 inches -----	2.275	2.375	Pumps -----	2.395	2.515
Over 18 inches -----	2.525	2.625	Helpers and oilers -----	2.395	2.515
Glaziers -----	2.200	2.300			
Lathers:					
Metal and wire -----	3.000	3.000			
Wood and rock -----	2.500	2.500			

See footnotes at end of table.

* This rate in effect prior to July 1, 1955; new scale in negotiation at time of survey.

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1954, and July 1, 1955 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1954	July 1, 1955		July 1, 1954	July 1, 1955
MILWAUKEE, WIS. - Continued			MINNEAPOLIS-ST. PAUL, MINN. - Continued		
<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>		
Glaziers	\$2.720	\$2.720	Engineers - Power equipment operators: - Continued		
Lathers	3.000	3.050	Heavy construction: - Continued		
Machinists	2.900	3.000	Light equipment:		
Marble setters	3.000	3.110	Finishing machines	\$2.430	\$2.530
Mosaic and terrazzo workers	3.055	3.160	Loaders, Barber Green	2.430	2.530
Painters	2.550	2.600	Pumps, compressors	2.320	2.420
Swing stage to 80 feet	2.700	2.750	Glaziers	2.360	2.560
Swing stage over 80 feet	2.800	2.850	Lathers:		
Spray nozzle men	2.675	2.725	Minneapolis	3.000	3.100
Structural iron	2.800	2.850	St. Paul	2.900	2.900
Pipefitters	3.000	3.050	Machinists	2.800	2.920
Plasterers	3.000	3.120	Marble setters	2.800	2.900
Plumbers	3.000	3.050	Mosaic and terrazzo workers	2.730	2.830
Rodmen	2.790	3.020	Painters:		
Roofers, composition	2.620	2.670	Minneapolis	2.650	2.750
Mastic spreaders	2.820	2.870	Structural steel, swing stage	2.900	3.000
Roofers, slate and tile	2.770	2.820	St. Paul	2.650	2.750
Sheet-metal workers	2.800	2.850	Structural steel, swing stage, spray	2.900	3.000
Sprinkler fitters	2.900	3.000	Paperhangers	2.650	2.750
Stonemasons	3.200	3.250	Pipefitters and sprinkler fitters	3.000	3.000
Structural-iron workers	2.900	3.020	Plasterers:		
Tile layers	2.890	3.000	Minneapolis	3.000	3.000
<u>Helpers and laborers</u>			St. Paul	2.900	3.050
Bricklayers' tenders	2.285	2.335	Plumbers	3.000	3.000
Building laborers	2.175	2.225	Rodmen	2.820	2.970
Composition roofers' helpers	1.950	2.000	Roofers (composition, slate and tile)	2.650	2.750
Elevator constructors' helpers	1.995	2.110	Sheet-metal workers:		
Marble setters' helpers	2.200	2.250	Minneapolis	2.775	2.825
Mosaic and terrazzo workers' helpers	2.335	2.440	St. Paul	2.875	2.900
Base-machine operators	2.505	2.610	Stonemasons	3.225	3.325
Plasterers' tenders	2.430	2.480	Structural-iron workers and finishers	2.920	3.070
Plumbers' laborers:			Tile layers	2.700	2.775
First man	2.480	2.530	<u>Helpers and laborers</u>		
Second man	2.370	2.420	Bricklayers' tenders	2.050	2.150
Tile layers' helpers	2.220	2.300	Mortar mixers - St. Paul	2.180	2.280
MINNEAPOLIS-ST. PAUL, MINN.			Building laborers	2.050	2.150
(Scales are the same for both cities unless otherwise indicated)			Composition roofers' helpers	2.050	2.150
<u>Journeyman</u>			Elevator constructors' helpers	2.030	2.160
Asbestos workers	2.800	3.000	Marble setters' helpers	2.000	2.100
Boilermakers	2.750	3.000	Plasterers' tenders:		
Bricklayers	3.225	3.325	Minneapolis	⁵ 2.470	⁵ 2.470
Carpenters, millwrights	2.800	2.900	St. Paul	2.470	⁵ 2.500
Cement finishers:			Plumbers' laborers:		
Minneapolis	3.000	3.000	Minneapolis:		
Composition floor	3.250	3.250	First 3 years	2.250	2.350
St. Paul	2.800	3.000	After 3 years	2.450	2.550
Electricians (inside wiremen)	2.900	3.000	St. Paul	2.220	2.400
Elevator constructors	2.900	3.080	Terrazzo workers' helpers	1.940	2.090
Engineers - Power equipment operators:			Base-machine operators	2.240	2.390
Building construction:			Tile layers' helpers	2.000	2.100
Heavy equipment:			NEWARK, N. J.		
Cranes, shovels, derricks	2.970	3.070	<u>Journeyman</u>		
Pumpcretes	2.860	2.960	Asbestos workers	3,250	3,500
Medium equipment:			Home insulators	2,300	2,400
Hoists	2.750	2.850	Boilermakers	3,600	3,750
Mixers, concrete over 16S	2.750	2.850	Bricklayers	⁴ 3,750	⁴ 3,850
Mixers, concrete 16S and under	2.530	2.630	Carpenters	⁴ 3,500	⁴ 3,500
Welders, mechanics	2.750	2.850	Wharf and bridge	3,400	3,550
Light equipment:			Cement finishers	⁴ 3,750	⁴ 3,850
Compressors	2.420	2.520	Electricians (inside wiremen)	3,500	3,650
Firemen, temporary heat	2.420	2.520	Elevator constructors	3,500	3,650
Oilers	2.140	2.240	Engineers - Power equipment operators:		
Heavy construction:			Building construction:		
Heavy equipment:			Heavy equipment:		
Derricks	2.870	2.970	Power shovels, cranes	3,900	3,900
Dredges	2.870	2.970	Power cranes (steel erection)	3,900	3,900
Shovels, cranes	2.870	2.970	Trench machines, paving mixers	3,900	3,900
Medium equipment:					
Bulldozers, scrapers	2.650	2.750			
Graders, motor patrols (finishing)	2.650	2.750			
Welders, mechanics	2.650	2.750			

See footnotes at end of table.

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1954, and July 1, 1955 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1954	July 1, 1955		July 1, 1954	July 1, 1955
NEWARK, N. J. - Continued			NEW HAVEN, CONN. - Continued		
<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>		
Engineers - Power equipment operators: - Continued			Engineers - Power equipment operators: - Continued		
Building construction: - Continued			Building construction: - Continued		
Medium equipment:			Light equipment: - Continued		
Hoists (single or double drum) -----	\$3.750	\$3.750	Small concrete mixers:		
Central power plants -----	3.900	3.900	Under 5 bags -----	\$2.300	\$2.300
Concrete tower hoists -----	3.750	3.750	5 bags and over -----	2.500	2.500
Light equipment:			Heavy construction:		
Air compressors (single) -----	3.500	3.500	Heavy equipment:		
Pumps and small mixers -----	3.500	3.500	Shovels, piledrivers,		
Concrete pumps -----	3.500	3.500	draglines -----	2.750	2.750
Heavy construction:			Medium equipment:		
Heavy equipment:			Pumps -----	2.475	2.475
Power shovels, cranes,			Bulldozers -----	2.400	2.400
draglines -----	3.900	3.900	Light equipment:		
Piledriving machines -----	3.900	3.900	Compressors, welding		
Back hoes, concrete pavers -----	3.900	3.900	machines -----	2.475	2.475
Medium equipment:			Small concrete mixers:		
Caisson hoists -----	3.750	3.750	Under 5 bags -----	2.300	2.300
Shaft hoists -----	3.750	3.750	5 bags and over -----	2.500	2.500
Excavating carryalls -----	3.500	3.500	Lathers -----	2.750	3.000
Light equipment:			Marble setters -----	3.100	3.250
Small mixers, pumps -----	3.500	3.500	Mosaic and terrazzo workers -----	3.100	3.250
Front end loaders and			Painters -----	2.600	2.750
conveyors -----	3.500	3.500	Structural steel and		
Concrete pumps -----	3.500	3.500	bridge -----	2.850	3.000
Glaziers -----	3.125	3.125	Paperhangers -----	2.850	3.000
Lathers -----	3.500	3.500	Pipefitters -----	3.000	3.100
Machinists -----	3.400	3.650	Plasterers -----	3.100	3.250
Mosaic and terrazzo workers -----	3.300	3.300	Plumbers -----	3.000	3.100
Painters -----	3.100	3.250	Rodmen -----	3.400	3.550
Structural steel -----	3.350	3.500	Roofers, composition -----	2.900	3.000
Pipefitters -----	3.500	3.500	Roofers, slate and tile -----	3.150	3.250
Sprinkler fitters -----	3.300	3.300	Precast slabbers -----	3.400	3.500
Plasterers -----	3.750	3.850	Sheet-metal workers -----	2.900	3.050
Plumbers -----	3.500	3.500	Stonemasons -----	3.100	3.250
Rodmen -----	3.750	3.750	Structural-iron workers -----	3.400	3.550
Roofers, composition -----	3.450	3.600	Tile layers -----	3.100	3.250
Roofers, slate and tile -----	3.400	3.600			
Sheet-metal workers -----	3.400	3.550	<u>Helpers and laborers</u>		
Stonemasons -----	3.750	3.850	Bricklayers' tenders -----	2.050	2.200
Structural-iron workers -----	3.750	3.750	Building laborers -----	2.050	2.200
Tile layers -----	3.300	3.300	Elevator constructors' helpers -----	2.110	2.250
<u>Helpers and laborers</u>			Marble setters' helpers -----	2.100	2.350
Bricklayers' tenders -----	2.700	2.800	Plasterers' laborers -----	2.050	2.200
Building laborers -----	2.700	2.800	Terrazzo workers' helpers -----	2.100	2.350
Composition roofers' helpers -----	1.960	2.110	Tile layers' helpers -----	2.100	2.350
Elevator constructors' helpers -----	2.620	2.750			
Plasterers' laborers -----	2.700	2.800	NEW ORLEANS, LA.		
Terrazzo workers' helpers -----	2.700	2.700	<u>Journeyman</u>		
Tile layers' helpers -----	2.700	2.700	Asbestos workers -----	3.000	3.100
NEW HAVEN, CONN.			Boilermakers -----	2.900	2.975
<u>Journeyman</u>			Bricklayers -----	3.100	3.175
Asbestos workers -----	2.850	3.000	Carpenters and piledrivers -----	2.470	2.600
Bricklayers -----	3.100	3.250	Millwrights -----	2.610	2.735
Carpenters -----	2.750	2.750	Cement finishers -----	2.470	2.550
Cement finishers -----	3.100	3.250	Electricians (inside wiremen) -----	2.925	3.025
Electricians (inside wiremen) -----	2.900	3.050	Elevator constructors -----	2.885	2.980
Elevator constructors -----	3.010	3.210	Engineers - Power equipment operators:		
Engineers - Power equipment operators:			Air compressors -----	2.100	2.150
Building construction:			Bulldozers, D-6 and larger -----	2.650	2.800
Heavy equipment:			Cranes, derricks, draglines,		
Cranes, steel -----	2.940	2.940	and piledrivers -----	2.650	2.800
Shovels -----	2.750	2.750	Finishing machines -----	2.100	2.150
Derricks -----	2.940	2.940	Graders, blade -----	2.100	2.150
Medium equipment:			Hoists:		
Hod-hoists -----	2.750	2.750	1 drum, under 4 stories -----	2.100	2.150
Compressors -----	2.475	2.475	1 drum, 4 stories and over -----	2.650	2.800
Bulldozers -----	2.400	2.400	2 drums -----	2.650	2.800
Light equipment:			Mixers, 16S and smaller -----	2.100	2.150
Well-points system, welding			Pumps -----	2.100	2.150
machines - steel -----	2.475	2.475	Scrapers -----	2.650	2.800
			Shovels -----	2.650	2.800
			Trench machines -----	2.650	2.800

See footnotes at end of table.

* This rate in effect prior to July 1, 1955; new scale in negotiation at time of survey.

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1954, and July 1, 1955 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1954	July 1, 1955		July 1, 1954	July 1, 1955
NEW ORLEANS, LA. - Continued			NEW YORK, N. Y. - Continued		
<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>		
Glaziers	\$2.400	\$2.500	Engineers - Power equipment operators: - Continued		
Lathers (wood and rock lath)	2.450	2.600	Heavy construction: - Continued		
Lathers (metal and wire)	2.700	2.750	Medium equipment: - Continued		
Machinists	2.870	2.930	Bulldozers, tractors, locomotives (10 tons and under), road finishing machines, mixers under 21E	\$3.025	\$3.175
Marble setters	3.100	3.175	Light equipment:		
Mosaic and terrazzo workers	2.625	2.760	Compressors (portable, 3 or more in battery), double-drum hoists and pumps (concrete)	3.400	3.550
Painters	2.275	2.275	Glaziers	3.400	3.550
Spray, structural steel and swing stage	2.525	2.525	Lathers, wood:		
Paperhangers	2.275	2.275	Bronx, Manhattan, and Richmond	1 3.500	1 3.600
Pipefitters	2.900	3.000	Brooklyn	4 3.400	4 3.400
Plasterers	2.675	2.800	Queens and Long Island	4 3.150	4 3.400
Plumbers	2.900	3.000	Lathers, metal	4 3.400	4 3.550
Rodmen	2.495	2.595	Machinists	4 3.570	4 3.728
Roofers, composition	2.405	2.530	Marble setters and cutters	3.300	3.300
Roofers, slate and tile	2.405	2.530	Mosaic and terrazzo workers	3.300	3.300
Sheet-metal workers	2.700	2.700	Painters	4 2.890	4 3.050
Stonemasons	3.100	3.175	Brooklyn	4 3.000	4 3.130
Structural-iron workers	2.800	2.900	Queens	4 3.000	4 3.170
Buckers-up	2.925	3.025	Richmond	4 3.000	4 3.000
Sheeters	3.050	3.150	Swing stage	4 3.420	4 3.620
Tile layers	2.625	2.760	Decorators and grainers	4 3.750	4 3.750
<u>Helpers and laborers</u>			Structural steel	4 3.320	4 3.500
Bricklayers' tenders	1.525	1.575	Pipefitters	4 3.500	4 3.650
Hod carriers	1.525	1.575	Plasterers:		
Mortar mixers	1.625	1.675	Agreement A	1 3.600	1 3.650
Building laborers	1.425	1.475	Agreement B	1 3.650	1 3.850
Composition roofers' helpers	1.475	1.530	Agreement C	1 3.650	1 3.650
Elevator constructors' helpers	2.020	2.090	Agreement D	1 3.600	1 3.850
Marble setters' helpers	1.500	1.600	Plumbers	4 3.500	4 3.500
Plasterers' laborers	1.600	1.650	Richmond	4 3.500	4 3.500
Plumbers' laborers	1.600	1.700	Brooklyn and Queens	4 3.500	4 3.500
Terrazzo workers' helpers	1.500	1.600	Rodmen	4 3.400	4 3.550
Tile layers' helpers	1.500	1.600	Roofers, composition	4 3.400	4 3.550
NEW YORK, N. Y.			Roofers, slate and tile	3.400	3.550
<u>Journeyman</u>			Brooklyn, Queens, and Long Island	3.500	3.500
Asbestos workers	4 3.500	4 3.650	Sheet-metal workers	4 3.500	4 3.650
Boilermakers	3.500	3.650	Stonemasons	4 3.650	4 3.650
Bricklayers	4 3.800	4 3.800	Long Island (stone setters)	4 3.750	4 3.900
Carpenters	4 3.400	4 3.550	Structural-iron workers	3.750	3.850
Wharf and bridge	3.400	3.550	Finishers	4 3.400	4 3.550
Cement finishers	4 3.400	4 3.550	Tile layers	3.300	3.300
Electricians (inside wiremen)	4 3.300	4 3.300	<u>Helpers and laborers</u>		
Elevator constructors	3.500	3.650	Bricklayers' tenders	4 2.550	4 2.650
Engineers - Power equipment operators:			Building laborers	4 2.550	4 2.700
Building construction:			Excavating laborers	2.400	2.500
Heavy equipment:			Elevator constructors' helpers	2.620	2.750
Steel erection (cranes and derricks)	3.900	4.050	Marble setters' helpers	2.885	2.885
Concrete buckets (stone derricks)	4 3.650	4 3.800	Plasterers' laborers	1 2.900	1 3.050
Hoists	4 3.650	4 3.800	Brooklyn	1 3.150	1 3.350
Scrapers, tournapulls, motor patrols	3.150	3.300	Queens	1 3.100	1 3.250
Medium equipment:			Plumbers' laborers	2.400	2.500
Welding machines and compressors	3.400	3.550	Brooklyn	2.150	2.400
Plaster (platform machines)	4 3.650	4 3.800	Terrazzo workers' helpers	2.700	2.700
Bulldozers, tractors, locomotives (10 tons and under), road finishing machines, mixers under 21E	3.025	3.175	Tile layers' helpers	2.700	2.700
Heavy construction:			OAKLAND, CALIF.		
Heavy equipment:			(Scales listed under San Francisco-Oakland, Calif.)		
Shovels	3.900	4.050	OKLAHOMA CITY, OKLA.		
Piledrivers	3.775	3.925	<u>Journeyman</u>		
Cranes (digging bucket)	3.650	3.800	Asbestos workers	2.900	3.050
Scrapers and tournapulls, motor patrols	3.150	3.300	Bricklayers	3.500	3.500
Medium equipment:			Carpenters and parquetry		
Cranes (structural steel)	3.900	4.050	floor layers	2.625	2.625
Mixers (concrete) and powerhouses	3.525	3.675	Millwrights and piledrivers	2.800	2.800

See footnotes at end of table.

* This rate in effect prior to July 1, 1955; new scale in negotiation at time of survey.

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1954, and July 1, 1955 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1954	July 1, 1955		July 1, 1954	July 1, 1955
OKLAHOMA CITY, OKLA. - Continued			OMAHA, NEBR. - Continued		
<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>		
Cement finishers	\$2.750	\$2.750	Engineers - Power equipment operators: - Continued		
Electricians (inside wiremen)	3.000	3.125	Building construction: - Continued		
Elevator constructors	2.950	3.090	Light equipment:		
Engineers - Power equipment operators:			Air tuggers	\$2.500	\$2.550
Air compressors:			Boom trucks	2.500	2.550
500 cubic feet or under	2.125	2.175	Hysters (lumber carrier)	2.500	2.550
Over 500 cubic feet	2.400	2.450	Trax-dozers - scoops	2.500	2.550
Bulldozers	2.400	2.450	Heavy construction:		
Derricks:			Heavy equipment:		
Under 5 tons	2.400	2.450	Draglines	2.700	2.750
5 tons or over	2.650	2.700	Scoops	2.400	2.450
Draglines and shovels over 3/4-yard	2.650	2.700	Shovels	2.700	2.750
Graders, elevating, self-propelled	2.400	2.450	Medium equipment:		
Hoists	2.400	2.450	Bulldozers	2.400	2.450
Mixers:			Patrols	2.400	2.450
Under 18 cubic feet	2.125	2.175	Tractors	2.400	2.450
18 cubic feet or over	2.400	2.450	Light equipment:		
Piledrivers	2.650	2.700	Blade graders	2.400	2.450
Pumps	1.875	1.925	Motor graders	2.400	2.450
Rollers:			Wheel tractors	2.400	2.450
Under 10 tons	2.125	2.175	Glaziers	2.350	2.475
10 tons or over	2.400	2.450	Lathers	2.900	2.950
Scrapers, trench machines, shovels, and draglines 3/4-yard or less	2.400	2.450	Machinists	2.650	2.750
Glaziers	2.350	2.450	Marble setters	2.700	2.850
Lathers	3.300	3.300	Mosaic and terrazzo workers	2.700	2.850
Marble setters	2.750	3.000	Painters	2.325	2.400
Mosaic and terrazzo workers	2.750	3.000	Spray and structural steel	2.575	2.650
Painters	2.350	2.450	Swing stage	2.575	2.750
Spray, structural steel, swing stage, and scaffold over 30 feet	2.600	2.700	Paperhangers	2.325	2.400
Paperhangers	2.350	2.450	Pipefitters	2.900	3.050
Pipefitters	2.910	3.050	Plasterers	3.050	3.100
Refrigeration fitters	2.910	3.050	Plumbers	2.900	3.050
Plasterers	3.300	3.300	Rodmen and reinforcers	2.800	2.900
Plumbers	2.900	3.050	Roofers, composition	2.175	2.250
Rodmen	2.750	2.800	Roofers, slate and tile	2.425	2.500
Roofers, composition	2.360	2.400	Sheet-metal workers	2.655	2.750
Roofers, slate and tile	2.360	2.400	Stonemasons	3.175	3.225
Sheet-metal workers	2.800	2.900	Structural-iron workers	2.800	2.900
Stonemasons	3.500	3.500	Tile layers	2.700	2.850
Structural-iron workers	2.750	2.800			
Erectors	2.750	2.800	<u>Helpers and laborers</u>		
Tile layers	2.750	3.000	Bricklayers' tenders and mortar mixers	1.850	1.900
			Hod carriers	1.975	2.025
<u>Helpers and laborers</u>			Building laborers	1.850	1.900
Bricklayers' tenders	1.850	1.850	Elevator constructors' helpers	2.040	2.040
Building laborers	1.700	1.700	Marble setters' helpers	1.950	1.950
Elevator constructors' helpers	2.060	2.160	Plasterers' laborers	1.975	2.025
Plasterers' laborers	1.850	1.850	Terrazzo workers' helpers	1.950	1.950
Plumbers' laborers	1.700	1.700	Base-machine operators	2.100	2.100
			Tile layers' helpers	1.950	1.950
OMAHA, NEBR.			PEORIA, ILL.		
<u>Journeyman</u>			<u>Journeyman</u>		
Asbestos workers	2.900	3.050	Asbestos workers	3.200	3.200
Bricklayers	3.175	3.225	Boilermakers	3.150	3.250
Carpenters	2.625	2.755	Bricklayers	3.350	3.425
Piledrivers	2.750	2.880	Carpenters	2.960	3.060
Floor layers	2.625	2.755	Bridge, wharf	2.960	3.060
Millwrights	2.750	3.000	Millwrights	2.960	3.060
Cement finishers	2.650	2.700	Cement finishers	2.968	3.068
Electricians (inside wiremen)	3.000	3.150	Electricians (inside wiremen)	3.100	3.200
Elevator constructors	2.910	2.910	Elevator constructors	3.050	3.170
Engineers - Power equipment operators:			Engineers - Power equipment operators:		
Building construction:			Building construction:		
Heavy equipment:			Heavy equipment:		
Cranes	2.850	2.900	Cranes	3.100	3.175
Derricks	2.850	2.900	Derricks	3.100	3.175
Shovels	2.850	2.900	Bulldozers	3.100	3.175
2-drum hoists	2.850	2.900	Medium equipment:		
Medium equipment:			Hoists, 2 drums	2.825	2.900
Air compressors	2.300	2.350	Mixers, 27E and larger	3.100	3.175
Hoists, one drum	2.500	2.550	Air compressors (2)	2.550	2.625
Pumps, concrete	2.500	2.550			

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1954, and July 1, 1955 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1954	July 1, 1955		July 1, 1954	July 1, 1955
PEORIA, ILL. - Continued			PHILADELPHIA, PA. - Continued		
<u>Journeyman</u> - Continued			<u>Journeyman</u> - Continued		
Engineers - Power equipment operators: - Continued			Engineers - Power equipment operators: - Continued		
Building construction: - Continued			Building construction: - Continued		
Light equipment:			Light equipment:		
Pumps -----	\$2.330	\$2.405	Welding machines -----	\$3.000	\$3.100
Mixers, 3 bags and under -----	2.330	2.405	Compressors and pumps -----	2.875	2.975
Hoists, 1 drum -----	2.550	2.625	Heavy construction:		
Heavy construction:			Heavy equipment:		
Heavy equipment:			Cranes (all types), power shovels, cableways -----	3.600	3.700
Cranes -----	3.100	3.175	Medium equipment:		
Scoops -----	3.100	3.175	Tournapulls and carryalls -----	3.225	3.325
Bulldozers -----	3.100	3.175	Bulldozers and tractors -----	2.975	3.075
Medium equipment:			Light equipment:		
Paving mixers -----	3.100	3.175	Welding machines -----	3.000	3.100
Motor-patrols -----	3.100	3.175	Compressors and pumps -----	2.875	2.975
Piledrivers -----	3.100	3.175	Glaziers -----	2.850	3.000
Light equipment:			30 feet or more above ground -----	3.075	3.225
Air compressors -----	2.330	2.405	Lathers -----	3.375	3.375
Mixers, 3 bags and under -----	2.330	2.405	Residential or speculative -----	2.795	3.000
Pumps -----	2.330	2.405	Machinists -----	3.200	3.450
Glaziers -----	2.700	2.750	Marble setters -----	3.275	3.375
Lathers -----	3.100	3.200	Mosaic and terrazzo workers -----	3.330	3.430
Machinists -----	2.970	3.070	Painters -----	2.600	2.700
Marble setters -----	3.250	3.325	Steel, spray, and swing stage -----	2.725	2.825
Mosaic and terrazzo workers -----	3.250	3.325	Paperhangers -----	2.565	2.590
Painters -----	2.625	2.775	Pipefitters -----	3.500	3.500
Swing stage, spray -----	2.875	3.025	Plasterers -----	3.500	3.500
Paperhangers -----	2.625	2.775	Residential or speculative -----	3.450	3.500
Pipefitters -----	3.100	3.200	Plumbers -----	3.500	3.500
Plasterers -----	3.245	3.345	Rodmen -----	3.200	3.350
Plumbers -----	3.100	3.200	Roofers, composition -----	2.950	3.050
Rodmen -----	3.025	3.125	Roofers, slate and tile -----	3.310	3.410
Roofers, composition -----	2.835	2.935	Sheet-metal workers -----	3.285	3.360
Roofers, slate and tile -----	2.835	2.935	Stonemasons -----	3.750	3.750
Sheet-metal workers -----	3.100	3.200	Speculative -----	2.895	2.970
Stonemasons -----	3.350	3.425	Residential -----	3.250	3.350
Structural-iron workers -----	3.025	3.125	Structural-iron workers -----	3.450	3.550
Tile layers -----	3.250	3.325	Tile layers -----	3.150	3.250
<u>Helpers and laborers</u>			<u>Helpers and laborers</u>		
Bricklayers' tenders -----	2.275	2.375	Bricklayers' tenders -----	1.950	2.025
Building laborers -----	2.275	2.375	Building laborers -----	1.950	2.025
Elevator constructors' helpers -----	2.130	2.220	Residential -----	1.750	1.825
Marble setters' helpers -----	2.300	2.375	Elevator constructors' helpers -----	2.410	2.480
Plasterers' tenders -----	2.400	2.500	Marble setters' helpers -----	2.550	2.650
Mortar mixers -----	2.275	2.375	Plasterers' laborers -----	2.500	2.500
Terrazzo workers' helpers -----	2.550	2.625	Residential -----	2.325	2.400
Base-machine operators -----	2.550	2.625	Terrazzo workers' helpers -----	2.650	2.750
Tile layers' helpers -----	2.300	2.375	Tile layers' helpers -----	2.450	2.550
PHILADELPHIA, PA.			PITTSBURGH, PA.		
<u>Journeyman</u>			<u>Journeyman</u>		
Asbestos workers -----	3.350	3.350	Asbestos workers -----	3.250	3.300
Home insulators -----	2.050	2.150	Boilmakers -----	3.125	3.125
Boilmakers -----	3.500	3.600	Bricklayers -----	3.550	3.550
Bricklayers -----	3.750	3.750	Carpenters, commercial, millwrights and piledrivers -----	3.125	3.200
Speculative -----	3.750	3.750	Residential -----	2.875	2.880
Operative -----	3.450	3.525	Cement finishers -----	3.125	3.200
Carpenters -----	3.200	3.300	Electricians (inside wiremen) -----	3.500	3.500
Cement finishers -----	3.200	3.300	Elevator constructors -----	3.350	3.370
Residential or speculative -----	2.950	3.025	Engineers - Power equipment operators:		
Electricians (inside wiremen) -----	3.500	3.650	Building construction:		
Residential -----	3.250	3.250	Heavy equipment:		
Elevator constructors -----	3.450	3.540	Shovels, cranes, and carryall scoops -----	3.275	3.350
Engineers - Power equipment operators:			Medium equipment:		
Building construction:			Bulldozers, compressors, and hoists -----	3.175	3.250
Heavy equipment:			Light equipment:		
Shovels, cranes, and carryall scoops -----	3.725	3.825	Pumps, rollers, and welders -----	3.175	3.250
Medium equipment:					
Bulldozers, compressors, and hoists -----	3.600	3.700			
Light equipment:					
Tournapulls and carryalls -----	3.225	3.325			
Bulldozers and tractors -----	2.975	3.075			

See footnotes at end of table.

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1954, and July 1, 1955 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1954	July 1, 1955		July 1, 1954	July 1, 1955
PROVIDENCE, R. I. - Continued			RICHMOND, VA. - Continued		
<u>Journeyman</u> - Continued			<u>Journeyman</u> - Continued		
Cement finishers	\$2.750	\$2.825	Engineers - Power equipment operators: - Continued		
Electricians (inside wiremen)	2.650	2.750	Pumps:		
Elevator constructors	2.950	2.950	2-inch discharge	\$1.750	\$1.750
Engineers - Power equipment operators:			Over 2-inch discharge	2.000	2.000
Building construction:			Scrapers	2.300	2.300
Heavy equipment:			Shovels	2.560	2.610
Cranes, shovels, draglines, and back hoes	2.950	3.150	Tractors:		
Medium equipment:			Without attachments	2.000	2.000
Hoists, piledrivers, and derricks	2.950	3.150	With attachments	2.300	2.300
Light equipment:			Trench machines	2.300	2.300
Pumps, air compressors, and gas or electric heaters	2.575	2.775	Glaziers	1.900	1.900
Heavy construction:			Lathers	2.625	2.750
Heavy equipment:			Machinists	2.500	2.550
Shovels, cranes, draglines, and pavers	2.950	3.100	Marble setters	3.000	3.000
Medium equipment:			Mosaic and terrazzo workers	2.750	2.750
Piledrivers, lighters, and derricks	2.950	3.100	Painters	2.150	2.150
Light equipment:			Spray	2.600	2.600
Mixers, pumps, air compressors, stone crushers	2.575	2.725	Structural steel	2.400	2.400
Glaziers	2.525	2.625	Paperhangers	2.150	2.150
Lathers	3.150	3.150	Pipefitters	2.750	2.750
Marble setters	2.725	2.875	Plasterers	2.750	2.850
Mosaic and terrazzo workers	2.725	2.875	Plumbers	2.750	2.750
Painters	2.260	2.360	Rodmen	2.400	2.525
Structural steel	2.510	2.610	Sheet-metal workers	2.450	2.575
Paperhangers	2.260	2.360	Stonemasons	3.000	3.250
Pipefitters	2.800	3.000	Structural-iron workers	2.650	2.775
Sprinkler fitters	2.900	3.000	Tile layers	2.750	2.750
Plasterers	3.125	3.200			
Plumbers	2.800	3.000	<u>Helpers and laborers</u>		
Rodmen	2.975	3.300	Bricklayers' tenders	1.400	*1.400
Roofers, composition	2.450	2.600	Mortar mixers	1.400	1.500
Roofers, slate and tile	2.650	2.800	Building laborers	1.150	1.250
Sheet-metal workers	2.650	2.800	Elevator constructors' helpers	1.920	1.920
Stonemasons	3.150	3.225	Plasterers' laborers	1.400	*1.400
Structural-iron workers	2.975	3.300			
Tile layers	2.725	2.875	<u>ROCHESTER, N. Y.</u>		
			<u>Journeyman</u>		
<u>Helpers and laborers</u>			Asbestos workers	2.975	3.075
Bricklayers' tenders	1.875	1.975	Bricklayers	3.210	3.335
Building laborers	1.875	1.975	Carpenters	2.900	3.100
Elevator constructors' helpers	2.065	2.065	Millwrights	3.125	3.250
Marble setters' helpers	1.900	2.000	Cement finishers	3.010	3.135
Plasterers' laborers	2.175	2.275	Electricians (inside wiremen)	3.100	3.200
Terrazzo workers' helpers	1.900	2.000	Elevator constructors	2.980	3.105
Tile layers' helpers	1.900	2.000	Engineers - Power equipment operators:		
			Building construction:		
RICHMOND, VA.			Heavy equipment:		
<u>Journeyman</u>			Cranes, derricks, and piledrivers	3.175	3.325
Asbestos workers	2.750	2.800	Medium equipment:		
Boilermakers	3.000	*3.000	Hoists, high pressure boilers, and pump creek machines	3.025	3.175
Bricklayers	3.000	3.250	Light equipment:		
Carpenters	2.200	2.250	Mixers (14S to 26S)	2.825	2.975
Millwrights	2.500	2.550	Pumps (4 inches and over) and mixers (under 14S)	2.575	2.700
Cement finishers	2.050	2.175	Compressors (160 cubic feet and over)	2.525	2.650
Electricians (inside wiremen)	2.625	2.750	Compressors (under 160 cubic feet) and pumps (under 4 inches)	2.225	2.350
Elevator constructors	2.740	2.740	Heavy construction:		
Engineers - Power equipment operators:			Heavy equipment:		
Air compressors:			Cableways, piledrivers, cranes, and shovels	3.175	3.325
Under 4	2.000	2.000	Medium equipment:		
4 or more	2.560	2.610	Mucking machines	3.025	3.175
Bulldozers	2.150	2.150	Carry-all type scrapers, bulldozers, and graders	2.825	2.975
Cranes, derricks, and draglines	2.560	2.610	Light equipment:		
Graders	2.150	2.400	Dinky locomotives	2.825	2.975
Hoists:			Compressors (315 cubic feet and over)	2.525	2.650
1 drum	2.000	2.000	Pumps (under 4 inches)	2.225	2.350
2 or more drums	2.300	2.300	Pumps (4 inches and over)	2.575	2.700
Mixers:					
10S or smaller	1.850	1.850			
Larger than 10S	2.150	2.150			

See footnote at end of table.

* This rate in effect prior to July 1, 1955; new scale in negotiation at time of survey.

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1954, and July 1, 1955 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1954	July 1, 1955		July 1, 1954	July 1, 1955
ROCHESTER, N. Y. - Continued			ST. LOUIS, MO. - Continued		
<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>		
Glaziers -----	\$2.500	\$2.650	Engineers - Power equipment operators: - Continued		
Lathers -----	3.020	3.150	Heavy construction: - Continued		
Machinists -----	3.000	3.250	Light equipment:		
Marble setters -----	3.110	3.235	Boilers -----	\$2.575	\$2.675
Mosaic and terrazzo workers -----	3.110	3.235	Pumps -----	2.575	2.675
Painters -----	2.765	2.890	Concrete-mixing machines -----	2.575	2.675
Bridge (brush) -----	3.015	3.515	Glaziers -----	3.100	3.250
Spray -----	3.015	3.190	Lathers:		
Structural -----	2.865	3.040	Metal -----	3.175	3.425
Paperhangers -----	2.765	2.890	Wood (residential) -----	2.925	3.175
Pipefitters -----	2.950	3.050	Machinists -----	3.150	3.150
Plasterers -----	3.210	3.335	Marble setters -----	3.050	3.100
Plumbers -----	2.950	3.050	Mosaic and terrazzo workers -----	3.250	3.300
Rodmen -----	3.050	3.150	Painters -----	2.850	2.950
Roofers -----	2.720	2.870	Spray and pressure roller -----	3.100	3.200
Sheet-metal workers -----	2.830	2.980	Paperhangers -----	2.850	2.950
Stonemasons -----	3.210	3.335	Pipefitters -----	3.200	3.300
Structural-iron workers -----	3.050	3.150	Sprinkler fitters -----	3.050	3.200
Tile layers -----	3.110	3.235	Plasterers -----	3.175	3.175
<u>Helpers and laborers</u>			Plumbers -----	3.003	3.300
Bricklayers' tenders -----	2.240	2.340	Rodmen -----	3.025	3.150
Building laborers -----	2.240	2.340	Roofers, composition -----	2.900	3.050
Elevator constructors' helpers -----	2.085	2.175	Roofers, slate, tile, and precast slab -----	2.800	3.000
Marble setters' helpers -----	2.250	2.360	Sheet-metal workers:		
Plasterers' laborers -----	2.240	2.340	Commercial -----	3.250	3.350
Terrazzo workers' helpers -----	2.250	2.360	Residential -----	2.550	2.750
Machine operators and grinders -----	2.350	2.460	Stonemasons -----	3.450	3.450
Tile layers' helpers -----	2.250	2.360	Structural-iron workers -----	3.025	3.150
ST. LOUIS, MO.			Tile layers -----	2.950	3.000
<u>Journeyman</u>			<u>Helpers and laborers</u>		
Asbestos workers -----	3.140	3.300	Bricklayers' tenders (hod carriers) -----	2.500	2.650
Boilermakers -----	3.050	3.150	Building laborers -----	2.100	2.200
Bricklayers -----	3.450	3.450	Residential -----	1.850	1.950
Sewer, over 6 feet, open work -----	3.700	3.700	Composition roofers' helpers -----	1.950	2.100
Carpenters (commercial) -----	3.050	3.150	Elevator constructors' helpers -----	2.210	2.275
Hardwood floor layers -----	3.050	3.150	Marble setters' helpers -----	2.175	2.225
Millwrights -----	3.050	3.150	Plasterers' laborers -----	2.625	2.875
Piledrivers, wharf -----	3.050	3.150	Plumbers' laborers -----	2.375	2.525
Carpenters, residential -----	2.725	2.850	Terrazzo workers' helpers -----	2.350	2.450
Hardwood floor layers -----	2.725	2.850	Base-machine operators -----	2.620	2.720
Cement finishers -----	3.100	3.150	Tile layers' helpers -----	2.100	2.150
On swing scaffold -----	3.225	3.275	ST. PAUL, MINN.		
Composition -----	3.350	3.400	(Scales listed under Minneapolis-St. Paul, Minn.)		
Electricians (inside wiremen) -----	3.150	3.250	SALT LAKE CITY, UTAH		
Elevator constructors -----	3.155	3.245	<u>Journeyman</u>		
Engineers - Power equipment operators:			Asbestos workers -----	2.740	2.840
Building construction:			Boilermakers -----	3.050	3.125
Heavy equipment:			Bricklayers -----	3.000	3.125
Crane-dragline-shovel combination -----	3.125	3.225	Carpenters -----	2.500	2.600
Derricks (all types) -----	3.125	3.225	Millwrights -----	2.650	2.825
Piledrivers -----	3.125	3.225	Piledrivers -----	2.905	3.030
Medium equipment:			Cement finishers -----	2.500	2.600
Boring machines (footing foundation) -----	3.125	3.225	Composition floor layers -----	2.625	2.725
Combination hoists and concrete mixers -----	3.125	3.225	Finishing-machine operators -----	2.625	2.725
Tractor shovels, hi-lift -----	3.125	3.225	Electricians (inside wiremen) -----	2.800	2.875
Light equipment:			Elevator constructors -----	2.750	2.950
Concrete pumps -----	3.125	3.225	Engineers - Power equipment operators:		
I-drum hoists -----	2.575	2.675	Building construction:		
Single compressors -----	2.575	2.675	Heavy equipment:		
Heavy construction:			Derricks -----	2.650	2.750
Heavy equipment:			Piledrivers -----	2.750	2.850
Crane-dragline-shovel combination -----	3.125	3.225	Tractors with front end loaders -----	2.500	2.600
Derricks (all types) -----	3.125	3.225			
Piledrivers -----	3.125	3.225			
Medium equipment:					
Hoists, 1 drum -----	2.575	2.675			
Welding machines -----	2.575	2.675			
Single compressors -----	2.575	2.675			

See footnote at end of table.

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1954, and July 1, 1955 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1954	July 1, 1955		July 1, 1954	July 1, 1955
SALT LAKE CITY, UTAH - Continued			SAN ANTONIO, TEX. - Continued		
<u>Journeymen - Continued</u>			<u>Journeymen - Continued</u>		
Engineers - Power equipment operators: - Continued			Engineers - Power equipment operators: - Continued		
Building construction: - Continued			Heavy construction:		
Medium equipment:			Heavy equipment:		
Hoists - 1 drum	\$2.325	\$2.425	Blade graders, self-propelled	\$2.500	\$2.650
Hoists - 2 drums (both in use)	2.500	2.650	Bulldozers	2.500	2.650
Mixermobiles	2.500	2.600	Locomotives	2.500	2.650
Tractors, rubber-tired	2.500	2.600	Piledrivers	2.500	2.650
Light equipment:			Winch trucks	2.500	2.650
Air compressors	2.200	2.300	Light equipment:		
Air compressors - 2 or more	2.325	2.425	Air compressors	2.150	2.300
Concrete mixers, skip type	2.225	2.325	Pumps, 2 1/2 inches or larger	2.150	2.300
Heavy construction:			Scrapers, under 3 cubic yards	2.150	2.300
Heavy equipment:			Glaziers	2.250	2.375
Power shovels	2.650	2.750	Lathers	3.175	3.175
Tournapulls or similar type	2.625	2.725	Machinists	2.750	3.000
Cableways	2.650	2.750	Marble setters	2.250	2.250
Medium equipment:			Mosaic and terrazzo workers	2.250	2.250
Mucking machines (under-ground work)	2.750	2.850	Painters	2.250	2.375
Concrete mixers, paving or batch plant	2.500	2.600	Spray and structural steel brush	2.500	2.625
Tractors	2.500	2.600	Structural steel spray	2.750	2.875
Motor patrols	2.600	2.700	Paperhangers	2.250	2.375
Light equipment:			Pipefitters	2.813	2.900
Locomotives	2.500	2.600	Plasterers	3.175	3.175
Truck cranes	2.650	2.750	Plumbers	2.813	2.900
Glaziers	2.170	2.350	Rodmen	2.500	2.625
Lathers	2.750	3.000	Roofers, composition	1.800	1.800
Marble setters	2.500	2.500	Roofers, slate and tile	2.150	2.150
Mosaic and terrazzo workers	2.500	2.500	Sheet-metal workers	2.750	3.000
Painters	2.450	2.500	Stonemasons	3.250	3.250
Swing stage	2.500	2.550	Structural- and ornamental-iron workers	2.750	2.875
Spray gun	2.650	2.700	Tile layers	2.250	2.250
Paperhangers	2.500	2.550			
Pipefitters	2.750	2.850	<u>Helpers and laborers</u>		
Plasterers	2.750	3.125	Bricklayers' tenders	1.420	1.420
Plumbers	2.750	2.850	Building laborers	1.250	1.300
Rodmen	2.725	2.800	Elevator constructors' helpers	2.020	2.110
Roofers, composition	2.400	2.500	Plasterers' laborers	1.680	1.680
Roofers, slate and tile	2.400	2.500	Mortar mixers	1.680	1.680
Sheet-metal workers	2.510	2.600	Plumbers' laborers	1.250	1.300
Stonemasons	3.000	3.125			
Structural-iron workers	2.800	2.800	SAN FRANCISCO-OAKLAND, CALIF.		
Ornamental finishers	2.800	2.800	<u>Journeymen</u>		
Tile layers	2.500	2.500	Asbestos workers	3.050	3.150
<u>Helpers and laborers</u>			Boilermakers	3.050	3.125
Bricklayers' tenders	2.175	2.300	Bricklayers:		
Building laborers	1.775	1.875	San Francisco	3.400	*3.650
Elevator constructors' helpers	1.925	2.060	Oakland	3.450	3.550
Plasterers' laborers	2.375	2.375	Carpenters	2.775	2.900
Plumbers' laborers	1.775	1.875	Floor layers, shinglers	2.900	3.025
Pipelayers	1.900	2.000	Millwrights	2.900	3.100
Terrazzo workers' helpers	1.775	1.875	Cement finishers	2.670	2.845
			Composition	2.810	2.985
SAN ANTONIO, TEX.			Machine operators	2.810	2.985
<u>Journeymen</u>			Electricians (inside wiremen):		
Asbestos workers	2.900	3.000	San Francisco	3.075	3.150
Bricklayers	3.250	3.250	Oakland	3.075	3.125
Carpenters	2.500	2.500	Elevator constructors	3.155	3.270
Cement finishers	2.500	2.500	Engineers - Power equipment operators:		
Electricians (inside wiremen)	2.875	2.875	Building construction:		
Elevator constructors	2.890	3.010	Heavy equipment:		
Engineers - Power equipment operators:			Derricks	2.980	3.095
Building construction:			Tractor-type shovel loaders	2.980	3.130
Heavy equipment:			Medium equipment:		
Bulldozers	2.500	2.650	Material hoists	2.710	2.860
Cranes, derricks, draglines	2.500	2.650	Mixermobiles	2.870	3.020
Hoists, 2 drums or more	2.500	2.650	Scoombobiles (when used as a hoist)	2.710	2.860
Mixers, 14 cubic feet or over	2.500	2.650	Scoombobiles (when used as a loader)	2.870	3.020
Piledrivers	2.500	2.650	Light equipment:		
Light equipment:			Compressors	2.430	2.580
Air compressors	2.150	2.300	Compressors (more than one)	2.760	2.910
Pumps, 2 1/2 inches or larger	2.150	2.300	Towermobiles	2.710	2.860
Welding machines	2.150	2.300	Concrete mixers (up to 1 yard)	2.430	2.580

See footnote at end of table.

* This rate in effect prior to July 1, 1955; new scale in negotiation at time of survey.

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1954, and July 1, 1955 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1954	July 1, 1955		July 1, 1954	July 1, 1955
SEATTLE, WASH. - Continued			SPOKANE, WASH. - Continued		
<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>		
Engineers - Power equipment operators: - Continued			Engineers - Power equipment operators: - Continued		
Building construction: - Continued			Building construction: - Continued		
Medium equipment:			Medium equipment:		
Hoists -----	\$ 2.780	\$ 2.900	Mixermobiles -----	\$ 2.700	\$ 2.750
Mixers, other than paving -----	2.780	2.900	Pumpcretes (linkbelt or similar) -----	2.650	2.700
Piledrivers -----	2.850	2.970	Concrete mixers -----	2.400	2.450
Light equipment:			Light equipment:		
Fork lifts or lumber stackers (on construction job site) -----	2.730	2.850	Compressors - 1 only (portable) -----	2.250	2.300
Compressors, excavating -----	2.530	2.650	Compressors - 2 or more (portable) -----	2.400	2.450
Heavy construction:			Pumps -----	2.250	2.300
Heavy equipment:			Heavy construction:		
Shovels and cranes, all crawler and truck types -----	3.080	3.200	Heavy equipment:		
Bulldozers -----	2.730	2.850	Power shovels and shovel rigged machines (cranes, clamshells, etc.) -----	2.900	2.950
Carryall type scrapers:			Power shovels, 5 yards and over (factory rating) -----	3.300	3.350
Single -----	2.730	2.850	Tractors -----	2.700	2.750
Tandem -----	2.880	3.000	Highline cableways -----	2.900	2.950
Medium equipment:			Medium equipment:		
Hoists -----	2.780	2.900	Locomotives (over 20 tons) -----	2.800	2.850
Mixers, other than paving -----	2.780	2.900	Derricks and piledrivers -----	2.900	2.950
Piledrivers -----	2.850	2.970	Traxcavators and similar loaders -----	2.700	2.750
Light equipment:			Light equipment:		
Forklifts or lumber stackers (on construction job site) -----	2.730	2.850	Compressors - 1 only (portable) -----	2.250	2.300
Compressors, excavating -----	2.530	2.650	Compressors - 2 or more (portable) -----	2.400	2.450
Glaziers -----	2.380	2.570	Pumps -----	2.250	2.300
Lathers -----	3.050	3.050	Glaziers -----	2.380	2.480
Marble setters -----	3.150	3.150	Lathers -----	2.875	3.050
Mosaic and terrazzo workers -----	2.980	3.000	Marble setters -----	3.150	3.200
Painters -----	2.630	2.630	Mosaic and terrazzo workers -----	3.040	3.090
Structural steel -----	2.755	2.755	Painters -----	2.575	2.630
Spray -----	2.755	2.755	Spray -----	2.675	2.755
Paperhangers -----	2.630	2.630	Structural steel -----	2.675	2.755
Pipefitters -----	3.050	3.100	Paperhangers -----	2.575	2.630
Plasterers -----	3.150	*3.150	Pipefitters -----	3.050	3.100
Plumbers -----	3.050	3.100	Plasterers -----	3.125	3.175
Rodmen -----	2.650	2.770	Plumbers -----	3.050	3.100
Roofers, composition -----	2.750	2.750	Rodmen -----	2.670	2.770
Roofers, slate and tile -----	3.000	3.000	Roofers, composition -----	2.600	2.750
Sheet-metal workers -----	2.935	2.985	Roofers, slate and tile -----	2.880	3.030
Stonemasons -----	3.300	3.300	Sheet-metal workers -----	2.700	2.850
Structural-iron workers -----	2.850	2.970	Stonemasons -----	3.320	3.370
Finishers -----	2.850	2.970	Structural-iron workers -----	2.820	2.970
Tile layers -----	3.050	3.050	Finishers -----	2.820	2.970
			Tile layers -----	3.040	3.090
<u>Helpers and laborers</u>			<u>Helpers and laborers</u>		
Bricklayers' tenders -----	2.550	2.550	Bricklayers' tenders -----	2.500	2.500
Building laborers -----	2.250	2.250	Building laborers -----	2.100	2.150
Elevator constructors' helpers -----	2.090	2.160	Elevator constructors' helpers -----	2.075	2.135
Marble setters' helpers -----	2.300	2.300	Marble setters' helpers -----	2.500	2.500
Plasterers' laborers -----	2.550	2.550	Plasterers' laborers -----	2.580	2.630
Plumbers' laborers -----	2.250	2.250	Terrazzo workers' helpers -----	2.500	2.500
Terrazzo workers' helpers -----	2.300	2.300	Tile layers' helpers -----	2.500	2.500
Tile layers' helpers -----	2.300	2.300			
SPOKANE, WASH.			SPRINGFIELD, MASS.		
<u>Journeyman</u>			<u>Journeyman</u>		
Asbestos workers -----	3.000	3.100	Asbestos workers -----	2.850	2.950
Boilermakers -----	3.050	3.125	Boilermakers -----	3.000	3.075
Bricklayers -----	3.320	3.370	Bricklayers -----	3.075	3.125
Carpenters -----	2.650	2.750	Carpenters -----	2.525	2.775
Millwrights -----	2.850	2.950	Cement finishers -----	3.075	3.125
Piledrivers -----	2.910	3.010	Electricians (inside wiremen) -----	2.950	3.050
Cement finishers -----	2.750	2.750	Elevator constructors -----	2.910	3.030
Electricians (inside wiremen) -----	2.900	3.000	Engineers - Power equipment operators:		
Elevator constructors -----	2.965	3.050	Building construction:		
Engineers - Power equipment operators:			Heavy equipment:		
Building construction:			Cranes, 3-drum hoists and over, power shovels, trench machines, and piledrivers -----	2.850	2.850
Heavy equipment:					
Cranes and derricks -----	2.900	2.950			
Hoists - 2 or more drums -----	2.650	2.700			

* This rate in effect prior to July 1, 1955; new scale in negotiation at time of survey.

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1954, and July 1, 1955 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1954	July 1, 1955		July 1, 1954	July 1, 1955
TOLEDO, OHIO - Continued			WASHINGTON, D. C. - Continued		
<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>		
Engineers - Power equipment operators: - Continued			Cement finishers -----	\$2.800	\$3.000
Heavy construction: - Continued			Electricians (inside wiremen) -----	3.400	3.400
Light equipment:			Elevator constructors -----	3.290	3.420
Bulldozers -----	\$2.920	\$2.995	Engineers - Power equipment operators:		
Pumps, 4 inches and over -----	2.785	2.860	Heavy equipment:		
Pumps, under 4 inches -----	2.370	2.445	Cranes, shovels, and piledrivers -----	3.200	3.300
Compressors (intermediate) -----	2.785	2.860	Medium equipment:		
Glaziers -----	2.600	2.730	Hoists (double drum) -----	3.200	3.300
Lathers -----	3.200	3.275	Trench machines -----	2.940	3.040
Marble setters -----	3.310	3.385	Hoists (single drum) -----	3.200	3.300
Mosaic and terrazzo workers -----	3.030	3.210	Light equipment:		
Painters -----	2.820	2.895	Compressors and pumps -----	2.770	2.870
Spray -----	3.120	3.195	Bulldozers -----	2.550	2.700
Brush, swing -----	3.070	3.145	Glaziers -----	2.750	2.900
Spray, swing -----	3.370	3.445	Lathers -----	3.450	3.450
Paperhangers -----	2.820	2.895	Machinists -----	3.000	3.000
Pipefitters, refrigeration and air conditioning fitters -----	3.200	3.275	Marble setters -----	3.300	3.425
Plasterers -----	3.200	3.275	Mosaic and terrazzo workers -----	3.250	3.300
Plumbers -----	3.200	3.275	Painters -----	2.670	2.950
Rodmen -----	3.020	3.145	Bridge, structural steel, swing stage -----	3.000	3.280
Roofers, composition and built-up moppers -----	2.800	3.075	Spray -----	2.670	2.950
Roofers, slate and tile -----	2.800	3.075	Paperhangers -----	2.670	2.950
Sheet-metal workers -----	2.930	3.075	Pipefitters -----	3.120	3.260
Stonemasons -----	3.310	3.385	Refrigeration and oil burner fitters:		
Structural-iron workers and finishers -----	3.200	3.275	5 horsepower or less -----	2.500	2.650
Tile layers -----	3.030	3.210	Over 5 horsepower -----	3.120	3.150
			Sprinkler fitters -----	2.900	3.000
			Plasterers -----	3.425	3.450
<u>Helpers and laborers</u>			Plumbers -----	3.120	3.260
Bricklayers' tenders and mortar mixers -----	2.450	2.575	Rodmen -----	3.000	3.250
Building laborers -----	2.320	2.395	Roofers, composition -----	2.300	2.400
Elevator constructors' helpers -----	2.200	2.250	Roofers, slate and tile -----	2.700	2.850
Marble setters' helpers -----	2.125	2.225	Sheet-metal workers -----	3.125	3.260
Plasterers' tenders -----	2.500	2.575	Stonemasons -----	3.400	3.525
Terrazzo workers' helpers -----	2.125	2.225	Structural-iron workers -----	3.450	3.600
Base grinders -----	2.335	2.435	Tile layers -----	3.250	3.300
Tile layers' helpers -----	2.125	2.225			
			<u>Helpers and laborers</u>		
			Building laborers A -----	1.900	2.000
			Building laborers B -----	1.875	2.000
			Residential -----	1.670	1.720
			Composition roofers' helpers -----	1.850	1.900
			Elevator constructors' helpers -----	2.300	2.390
			Marble setters' helpers -----	2.300	2.300
			Plasterers' laborers -----	2.150	2.250
			Plumbers' laborers -----	1.900	2.000
			Terrazzo workers' helpers -----	2.300	2.300
			Tile layers' helpers -----	2.300	2.300
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Asbestos workers -----	3.125	3.250			
Boilermakers -----	3.050	*3.100			
Bricklayers, commercial -----	3.500	3.500			
Residential -----	3.300	3.300			
Carpenters -----	3.000	3.125			
Piledrivers -----	3.125	3.250			
Millwrights -----	3.000	3.250			

1 30-hour workweek.

2 48-hour workweek.

3 Information not available for rate and hours on July 1, 1954

4 35-hour workweek.

5 42¹/₂-hour workweek.

* This rate in effect prior to July 1, 1955; new scale in negotiation at time of survey.